PERMIT AMENDMENT NO. 3357-045-0008-V-05-3
ISSUANCE DATE: 04/18/2023

GEORGIA
DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Air Quality - Part 70 Operating Permit Amendment

Facility Name: **Southwire Company - Carrollton**

Facility Address: **One Southwire Drive**
Carrollton, Georgia 30119, Carroll County

Mailing Address: **One Southwire Drive**
Carrollton, Georgia 30119

Parent/Holding Company: **Southwire Company**

Facility AIRS Number: **04-13-045-00008**

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to and in effect under the Act, the Permittee described above is issued a construction permit for:
The construction and operation of several extruders, armoring lines, combustion units, cooling towers, drawing machines, extruders, generators, printers, silos, storage tanks, and removal of multiple emission units located at the Building Wire Plant [BWP], Metal Clad [MC], and Utility Product Plant [UPP], Copper Road Mill [CRM], Cofer Technology Center [CTC], Corporative Energy [CEM], Tools and Assembled Products [TAP].

This Permit Amendment shall also serve as a final amendment to the Part 70 Permit unless objected to by the U.S. EPA or withdrawn by the Division. The Division will issue a letter when this Operating Permit amendment is finalized.

This Permit Amendment is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Amendment and Permit No. 3357-045-0008-V-05-0. Unless modified or revoked, this Amendment expires upon issuance of the next Part 70 Permit for this source. This Amendment may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in App No. 632967 dated September 27, 2022; any other applications upon which this Amendment or Permit No. 3357-045-0008-V-05-0 are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **93** pages.

Richard E. Dunn, Director
Environmental Protection Division

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PART 1.0 FACILITY DESCRIPTION

1.3 Process Description of Modification

In 2021, Southwire Company began to undergo modernization in which the facility is planning to replace many of its current equipment. Title V Operating Permit Amendment Number 3357-045-0008-V-05-2 issued on July 2021 was the first phase of this project and is referred to Modernization 1. The second phase, Modernization 2, is a continuation of the modernization project, which will add and replace additional equipment at the facility. Southwire Company is requesting to make modifications to the Prevention of Significant Deterioration (PSD) avoidance limits previously established in Title V Operating Permit Amendment Number 3357-045-0008-V-05-2 to ensure that PSD avoidance is maintained.

PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

Southwire's Carrollton main campus consists of eight distinct entities. Therefore, Parts 3.0 through 6.0 of this Permit have been separated into nine sections and an alphabetic character has been added to each Permit Condition number to indicate which entity is subject to that Part or Condition. The alphabetic characters have been assigned as follows:

A – Campus-wide or multi-facility [MULTI]
B – Building Wire Plant [BWP]
C – MC Plant [MC]
D – Copper Rod Mill [CRM]
E – Utility Products Plant [UPP]
F – Machine Services Group [MSG]
G – Cofer Technology Center [CTC]
H – Corporate Energy Management [CEM]
I – Tools and Assembled Products [TAP]

The following is an explanation of text types used in Table 3.1.3 – Additional Emission Units:

- Equipment that appears in strikethrough text has been removed from the facility or was never installed at the facility.
- Equipment that appears in underline text are proposed modifications as included in this permit application modification.
- Equipment that appears in italics text are equipment that will be removed from the facility in the future.
- Equipment that appears in bold texts are equipment that were added as part of the Modernization 1 Phase.
- Equipment that appears in a combination of underline and bold texts are equipment that were to be added as part of the Modernization 1 Phase and were included in the initial application/calculations. However, they were not added to Title V Operating Permit Amendment Number 3357-045-0008-V-05-2 at the time.

3.1.3 Additional Emission Units

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
Building Wire Plant (B)				
~~Process Group – Extrusion Line 730-~~				
~~P692~~	~~Extruders 730-03~~	~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~	~~None~~	~~NA~~
~~H692~~	~~Plastic Pellet Feed Hopper System~~	~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(b)~~	~~C692~~	~~Dust Filters~~
~~I692~~	~~Ink Application System~~	~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~	~~None~~	~~NA~~
Miscellaneous				
CT1	*Cooling Tower 3063-70*	*391-3-1-.02(2)(e)* *391-3-1-.02(2)(b)*	*None*	*NA*
CT2	*Cooling Tower 3063-71*	*391-3-1-.02(2)(e)* *391-3-1-.02(2)(b)*	*None*	*NA*
Process Group – Extrusion Line P6059				
P6059	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6060	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6060	Dust Filters
P6061	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6062				
P6062	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6063	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6063	Dust Filters
P6064	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6065				
P6065	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6066	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6066	Dust Filters
P6067	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6068				
P6068	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6069	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6069	Dust Filters
P6070	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6071				
P6071	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P6072	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6072	Dust Filters
P6073	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6074				
P6074	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6075	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6075	Dust Filters
P6076	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6077				
P6077	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6078	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6078	Dust Filters
P6079	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6080				
P6080	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6081	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6081	Dust Filters
P6082	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6083				
P6083	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6084	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6084	Dust Filters
P6085	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6086				
P6086	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6087	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6087	Dust Filters
P6088	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6089				
P6089	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6090	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6090	Dust Filters
P6091	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6092				

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P6092	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6093	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6093	Dust Filters
P6094	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6095				
P6095	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6096	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6096	Dust Filters
P6097	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6098				
P6098	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6099	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6099	Dust Filters
P6100	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6101				
P6101	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6102	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6102	Dust Filters
P6103	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6104				
P6104	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6105	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6105	Dust Filters
P6106	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6107				
P6107	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6108	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6108	Dust Filters
P6109	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6110				
P6110	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6111	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6111	Dust Filters

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P6112	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6113				
P6113	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6114	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6114	Dust Filters
P6115	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6116				
P6116	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6117	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6117	Dust Filters
P6118	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6119				
P6119	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6120	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6120	Dust Filters
P6121	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6122				
P6122	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6123	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6123	Dust Filters
P6124	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line P6125				
P6125	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6126	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6126	Dust Filters
P6127	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Tandem Extrusion Line P6128				
P6128	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6129	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6129	Dust Filters
P6130	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6131	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
Process Group – Extrusion Line P6132				
P6132	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6133	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6133	Dust Filters
P6134	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6135	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Extrusion Line ~~740-18~~ 750-55				
P115	Extruder ~~750-09~~ 750-55	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
H115	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C115	Dust Filters
I115	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Miscellaneous				
P6142	Cu Dual Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6143	Cu Dual Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6144	Cu Dual Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6145	Cu Dual Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6146	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	None	NA
P6147	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6138	Silo	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6138	Bin Vent Filter
P6139	Silo	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6139	Bin Vent Filter
P6140	Silo	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6140	Bin Vent Filter
P6141	Silo	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6141	Bin Vent Filter
Process Group – Tandem Extrusion Line P6054				
P6054	**Extruder**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P6055	**Plastic Pellet Feed Hopper System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b)**	**C6055**	**Dust Filters**
P6056	**Ink Application System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P6057	**Drawing Machine**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
Process Group – PVC Jacket Line P6001				

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P6001	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6002	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6002	Dust Filters
P6003	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – PVC Jacket Line P6004				
P6004	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6005	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6005	Dust Filters
P6006	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – PVC Jacket Line P6007				
P6007	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6008	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6008	Dust Filters
P6009	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – PVC Jacket Line P6010				
P6010	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6011	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6011	Dust Filters
P6012	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – PVC Jacket Line P6013				
P6013	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6014	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6014	Dust Filters
P6015	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – PVC Jacket Line P6016				
P6016	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6017	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6017	Dust Filters
P6018	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – PVC Jacket Line P6019				
P6019	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6020	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6020	Dust Filters

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P6021	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – PVC Jacket Line P6022				
P6022	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6023	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6023	Dust Filters
P6024	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – PVC Jacket Line P6025				
P6025	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6026	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6026	Dust Filters
P6027	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Miscellaneous				
P6034	PVC Storage Silo	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6034	Bin vent filter
P6136	PVC Storage Silo	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6136	Bin vent filter
P6137	PVC Storage Silo	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6137	Bin vent filter
Process Group – PVC Extrusion				
P6028	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	NA	NA
P6148	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6148	Dust Filter
P6029	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	NA	NA
P6149	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6149	Dust Filter
P6030	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	NA	NA
P6150	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6150	Dust Filter
P6031	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	NA	NA
P6151	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6151	Dust Filter
P6032	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	NA	NA
P6152	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6152	Dust Filter
P6033	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	NA	NA
P6153	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6153	Dust Filter
Process Group – Tandem Extrusion Line P6038				

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P6038	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6039	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6039	Dust Filters
P6040	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6041	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Tandem Extrusion Line P6042				
P6042	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6043	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6043	Dust Filters
P6044	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6045	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Tandem Extrusion Line P6046				
P6046	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6047	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6047	Dust Filters
P6048	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6049	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group – Tandem Extrusion Line P6050				
P6050	Extruder	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6051	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C6051	Dust Filters
P6052	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P6053	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
MC Plant [C]				
P3027 thru P3036	MC Armoring Lines P3027 through P3036	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P3040 thru P3052	MC Armoring Line Printers P3040 through P3052	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt) 40 CFR 63 Subpart A 40 CFR 63 Subpart MMMM	None	NA
Process Group – Tandem Extrusion Line P3001				
P3002	**Plastic Pellet Feed Hopper System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**C3002**	**Dust Filters**
P3001	**Extruders 756-01**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P3003	**Ink Application System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P3004	**Cu Drawing Machine with Annealer**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
Copper Rod Mill (D)				
Miscellaneous				
~~P477~~	~~Cu Drawing Machine with Annealer~~	~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~	~~None~~	~~NA~~
~~P478~~	~~Cu/Al Drawing Machine with Annealer~~	~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~	~~C478~~	~~Oil Mist Collector~~
~~F476~~	~~Electric Induction Vertirod Copper Rod Production Unit~~	~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(g)~~ ~~391-3-1-.02(2)(tt)~~	~~None~~	~~NA~~
ST1	8,000-gal IPA tank	391-3-1.02(2)(b) 391-3-1.02(2)(vv)	None	NA
P480	Propane Vaporizer	391-3-1-.02(2)(d) 391-3-1-.02(2)(g) 391-3-1-.02(2)(tt) 40 CFR 63 Subpart A 40 CFR 63 Subpart DDDDD	None	NA
P481	Propane Vaporizer	391-3-1-.02(2)(d) 391-3-1-.02(2)(g) 391-3-1-.02(2)(tt) 40 CFR 63 Subpart A 40 CFR 63 Subpart DDDDD	None	NA

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
Utility Products Plant (E)				
Process Group –Extrusion Line 750-05				
P250	*Extruders 750-05*	*391-3-1-.02(2)(e)* *391-3-1-.02(2)(b)* *391-3-1-.02(2)(tt)*	*None*	*NA*
H250	*Plastic Pellet Feed Hopper System*	*391-3-1-.02(2)(e)* *391-3-1-.02(2)(b)*	*None*	*NA*
P251	*Ink Application System*	*391-3-1-.02(2)(e)* *391-3-1-.02(2)(b)* *391-3-1-.02(2)(tt)*	*None*	*NA*
Process Group – Extrusion Line 740-02				
P262	*Extruders 740-02*	*391-3-1-.02(2)(e)* *391-3-1-.02(2)(b)* *391-3-1-.02(2)(tt)*	*None*	*NA*
H262	*Plastic Pellet Feed Hopper System*	*391-3-1-.02(2)(e)* *391-3-1-.02(2)(b)*	*None*	*NA*
P263	*Ink Application System*	*391-3-1-.02(2)(e)* *391-3-1-.02(2)(b)* *391-3-1-.02(2)(tt)*	*None*	*NA*
~~P744~~	~~Drawing Machine with Annealer 450-05~~	~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~	~~C744~~	~~Oil Mist Collector~~
Process Group - Extrusion Line P7069				
P7069	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7070	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C7070	Dust Collector
P7071	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Process Group - Extrusion Line P7072				
P7072	Extruders	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7073	Plastic Pellet Feed Hopper System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b)	C7073	Dust Collector
P7074	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
Miscellaneous				
P7029	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7030	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7031	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7032	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7033	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7034	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P7035	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7036	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7037	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7038	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7039	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7040	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7041	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7042	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7043	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7044	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7045	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7046	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7047	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7048	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7049	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7050	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7051	Ink Application System	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	None	NA
P7052	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	C7052	Oil Mist Collector
P7053	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	C7053	Oil Mist Collector
P7054	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	C7054	Oil Mist Collector

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P7055	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	C7055	Oil Mist Collector
P7056	Drawing Machine	391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)	C7056	Oil Mist Collector
P7057	9.98 MMBtu/hr Natural Gas Steam Generator	391-3-1-.02(2)(d) 391-3-1-.02(2)(g) 391-3-1-.02(2)(tt) 40 CFR 63 Subpart A 40 CFR 63 Subpart DDDDD	None	NA
P7058	9.98 MMBtu/hr Natural Gas Steam Generator	391-3-1-.02(2)(d) 391-3-1-.02(2)(g) 391-3-1-.02(2)(tt) 40 CFR 63 Subpart A 40 CFR 63 Subpart DDDDD	None	NA
P7059-P7068	0.996 MMBtu/hr Humidifier (each)	391-3-1-.02(2)(d) 391-3-1-.02(2)(g) 391-3-1-.02(2)(tt) 40 CFR 63 Subpart A 40 CFR 63 Subpart DDDDD	None	NA
CAMV Line 2				
P7001	**Extruder**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7002	**Extruder**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7003	**Extruder**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7004	**Plastic Pellet Feed Hopper System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b)**	**C7004**	**Dust Filter**
P7005	**Plastic Pellet Feed Hopper System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b)**	**C7005**	**Dust Filter**
P7006	**Plastic Pellet Feed Hopper System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b)**	**C7006**	**Dust Filter**
P7007	**Ink application System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7008	**Ink application System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CAMV Line 3				
P7009	**Extruder**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7010	**Extruder**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7011	**Extruder**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7012	**Plastic Pellet Feed Hopper System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b)**	**C7012**	**Dust Filter**
P7013	**Plastic Pellet Feed Hopper System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b)**	**C7013**	**Dust Filter**

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
P7014	**Plastic Pellet Feed Hopper System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b)**	**C7014**	**Dust Filter**
P7015	**Ink application System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7016	**Ink application System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
P7016	**Ink application System**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
Miscellaneous				
~~P7021~~	~~5 Btu/hr Natural Gas Steam Generator~~	~~391-3-1-.02(2)(d) 391-3-1-.02(2)(b) 391-3-1-.02(2)(g)~~	~~None~~	~~NA~~
~~P7022~~	~~5 Btu/hr Natural Gas Steam Generator~~	~~391-3-1-.02(2)(d) 391-3-1-.02(2)(b) 391-3-1-.02(2)(g)~~	~~None~~	~~NA~~
~~P7023~~	~~5 Btu/hr Natural Gas Steam Generator~~	~~391-3-1-.02(2)(d) 391-3-1-.02(2)(b) 391-3-1-.02(2)(g)~~	~~None~~	~~NA~~
CS15	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS16	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS17	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS18	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS19	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS20	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS21	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS22	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS23	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**
CS24	**Curing Oven**	**391-3-1-.02(2)(e) 391-3-1-.02(2)(b) 391-3-1-.02(2)(tt)**	**None**	**NA**

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
Cofer Technology Center (G)				
P910	**Vertical tray flame chamber**	**391-3-1-.02(2)(b)** **391-3-1-.02(2)(g)** **391-3-1-.02(2)(e)** **391-3-1-.02(2)(tt)**	**C910** ~~OR~~ ~~C912~~	**C910 – Flat bed HEAF fabric filter / mist eliminator** ~~C912 – Dual Scrubber~~
~~P912~~	~~Cone Calorimeter~~	~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(tt)~~		
~~P913~~	~~French Flame Chamber~~	~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(tt)~~		
~~P911~~	~~0.42 MMBtu/hr Propane-Fired Boiler~~	~~391-3-1-.02(2)(d)~~ ~~391-3-1-.02(2)(g)~~ ~~391-3-1-.02(2)(tt)~~ ~~40 CFR 63 Subpart A~~ ~~40 CFR 63 Subpart DDDDD~~	~~N/A~~	~~N/A~~

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
Corporate Energy Management (H)				
~~P804~~	~~1,552 hp gas-fired Waukesha Engine~~	~~40 CFR 63 Subpart A~~ ~~40 CFR 63 Subpart ZZZZ~~ ~~40 CFR 60 Subpart A~~ ~~40 CFR 60 Subpart JJJJ~~ ~~391-3-1-.02(2)(g)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~ ~~391-3-1-.02(2)(mmm)~~	~~C804~~	~~Air/Fuel Ratio Controller and Non-Selective Catalytic Reduction~~
~~P805~~	~~1,548 hp gas-fired Waukesha Engine~~	~~40 CFR 60 Subpart A~~ ~~40 CFR 60 Subpart JJJJ~~ ~~40 CFR 63 Subpart A~~ ~~40 CFR 63 Subpart ZZZZ~~ ~~391-3-1-.02(2)(g)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~ ~~391-3-1-.02(2)(mmm)~~	~~C805~~	~~Air/Fuel Ratio Controller and Non-Selective Catalytic Reduction~~
~~P806~~	~~1,548 hp gas-fired Waukesha Engine~~	~~40 CFR 60 Subpart A~~ ~~40 CFR 60 Subpart JJJJ~~ ~~40 CFR 63 Subpart A~~ ~~40 CFR 63 Subpart ZZZZ~~ ~~391-3-1-.02(2)(g)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~ ~~391-3-1-.02(2)(mmm)~~	~~C806~~	~~Air/Fuel Ratio Controller and Non-Selective Catalytic Reduction~~
P824	35 kW Diesel-Fired Emergency Generator	391-3-1.02(2)(b) 391-3-1.02(2)(e) 391-3-1.02(2)(g) 391-3-1.02(2)(tt) 40 CFR 63 Subpart A 40 CFR 60 Subpart IIII 40 CFR 63 Subpart A 40 CFR 63 Subpart ZZZZ	None	NA

Emission Units		Applicable Requirements/Standards	Air Pollution Control Devices	
ID No.	Description		ID No.	Description
Tools and Assembled Products (I)				
~~P970~~	~~Blade Coating~~	~~40 CFR 63 Subpart A~~ ~~40 CFR 63 Subpart MMMM 391-3-1-.02(2)(e)~~ ~~391-3-1-.02(2)(b)~~ ~~391-3-1-.02(2)(tt)~~	~~None~~	~~NA~~

* Generally applicable requirements contained in this permit may also apply to emission units listed above. The lists of applicable requirements/standards are intended as a compliance tool and may not be definitive.

3.2.A Equipment Emission Caps and Operating Limits [MULTI]

MODIFIED CONDITION

3.2.A.1 MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill shall not discharge, or cause the discharge, into the atmosphere, particulate matter with an aerodynamic diameter less than 10 microns (PM_{10}) in excess of 14 tons during any consecutive 12-month period from the following emission units.
[391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]

Emission Unit	Permit IDs
Drawing Machines	~~P477~~, ~~P478~~, P643, *P656*, P660, P661, P681, P682, ~~P332~~, *P744*, and P756
Storage Silos	P670, P671, P683, P684, and P685
Pellet Hoppers	P632, *P635, P638*, P641, *P645*, P650, P653, *P658*, *P663*, ~~P666~~, P673, *P676*, *P679*, *P324*, P327, ~~P330~~, P334, P337, P347, P350, P736, P742, P749, and P752
Annealing Furnace	P721
Flame Burners	P723-P734
~~Vertirod~~	~~F476~~
Bucket Elevator	*BE1*
Cooling Towers	*CT1* and *CT2*
MC Armoring Lines	MC1 through MC75
CTC Extruder	P909

MODIFIED CONDITION

3.2.A.2 MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill shall not discharge, or cause the discharge, into the atmosphere, volatile organic compounds (VOC) in excess of 39 tons during any consecutive 12-month period from the following emission units.
[391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]

Emission Unit	Permit IDs
Drawing Machines	~~P477~~, ~~P478~~, P643, *P656*, P660, P661, P681, P682, ~~P332~~, *P744*, and P756
Plastic Extrusion Lines	P631, *P634*, *P637*, P640, *P644*, P649, P652, *P657*, *P662*, ~~P665~~, P672, *P675*, *P678*, *P323*, P326, ~~P329~~, P333, P336, P346, P349, ~~P258 (stripe extruder only),~~ P735, P741, P748, and P751
Ink Application System	P633, *P636*, *P639*, P642, *P646*, P647A&B, P648A&B, P651, P654, *P659*, *P664*, ~~P667~~, P668, P669, P674, *P677*, *P680*, P319A&B, P320A&B, ~~P321A~~ ~~&~~ P321B, P322A&B, *P325*, P328, ~~P331~~, P335, P338-P345, P348, P351, P737, P743, P746, P747, P750, and P753-P755
~~Vertirod~~	~~F476~~
Ink Wash Station	P655
Annealing Furnace	P721
Flame Burners	P723-P734
Bucket Elevator	*BE1*

Emission Unit	Permit IDs
CTC Extruder	P909

MODIFIED CONDITION

3.2.A.3 MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill shall not discharge, or cause the discharge, into the atmosphere, particulate matter with an aerodynamic diameter less than 2.5 microns ($PM_{2.5}$) in excess of 14 tons during any consecutive 12-month period from the following emission units.
[391-3-1-.03(2)(c), 40 CFR 51.165 Avoidance]

Emission Unit	Permit IDs
Drawing Machines	~~P477~~, ~~P478~~, P643, *P656*, P660, P661, P681, P682, ~~P332~~, *P744*, and P756
Storage Silos	P670, P671, P683, P684, and P685
Pellet Hoppers	P632, *P635, P638*, P641, *P645*, P650, P653, *P658*, *P663*, ~~P666~~, P673, *P676*, *P679*, *P324*, P327, ~~P330~~, P334, P337, P347, P350, P736, P742, P749, and P752
Annealing Furnace	P721
Flame Burners	P723-P734
~~Vertirod~~	~~F476~~
Bucket Elevator	*BE1*
Cooling Towers	*CT1 and CT2*
MC Armoring Lines	MC1 through MC75
CTC Extruder	P909

DELETED.

~~3.2.A.4 MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill shall not discharge, or cause the discharge, into the atmosphere, particulate matter in excess of 9.9 tons during any consecutive 12-month period from Drawing Machines P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057; Storage Silos P6034; and Pellet Hoppers P3002, P6002, P6005, P6008, P6011, P6014, P6017, P6020, P6023, P6026, P6039, P6043, P6047, P6051, P6055, P7004, P7005, P7006, P7012, P7013, and P7014; Shaft Furnace F4001 and F4002; MC Armoring Lines P3005 through P3015;
[391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]~~

DELETED

~~3.2.A.5 MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill shall not discharge, or cause the discharge, into the atmosphere, volatile organic compounds (VOC) in excess of 39.9 tons during any consecutive 12-month period from Drawing Machines P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6058; Plastic Extrusion Lines P3001, P6001, P6004, P6007, P6010, P6013, P6016, P6019, P6022, P6025, P6028, P6029, P6030, P6031, P6032, P6033, P6038, P6042, P6046, P6050, P6054, P7001, P7002, P7003, P7009, P7010, and P7011; Ink Application Systems P3003, P6003, P6006, P3016-P3026, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052, P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019, and P7020; Quenching and cooling system F4003
[391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]~~

DELETED

3.2.A.6 ~~MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill shall not discharge, or cause the discharge, into the atmosphere, particulate matter with an aerodynamic diameter less than 10 microns (PM_{10}) in excess of 9.9 tons during any consecutive 12-month period from Drawing Machines P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057; Storage Silos P6034; and Pellet Hoppers P3002, P6002, P6005, P6008, P6011, P6014, P6017, P6020, P6023, P6026, P6039, P6043, P6047, P6051, P6055, P7004, P7005, P7006, P7012, P7013, and P7014; Shaft Furnace F4001 and F4002; MC Armoring Lines P3005 through P3015~~
~~[391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]~~

MODIFIED CONDITION

3.2.A.7 MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill plan to remove:

a. Extruders P634, P637, P662, P323, P675, P678, P112, P113, P114, P118, P122, P123, P657, P644, P157, P159, P162, P250, and P262.

b. Pellet Hoppers P635, P638, P663, P324, P676, P679, H112, H113, H114, H118, H122, H123, P658, P645, P617, P624, P627, ~~and~~ H262, and H250

c. Ink Application System P636, P639, P664, P325, P677, P680, I112, I113, I114, I118, I122, P659, P646, P158, P160, P161, P251, and P263.

d. Drawing Machines P139, P140, P656, P142, and P144;

e. Rod Mill Shaft Furnace F409, Rod Mill Quenching and Cooling System Q467, and Bucket Elevator BE1.

f. Cooling Towers: CT1 and CT2.

Prior to the operation of any equipment added as included in Application Number 556063 and/or Application Number 632967 ~~in conditions 3.2.A.4, 3.2.A.5, and 3.2.A.6~~. The new equipment might be present at the facility before the older equipment has been removed. However, the two generations of equipment will not be simultaneously operational. [391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]

NEW CONDITION

3.2.A.8 Building Wire Plant, Utility Products Plant, Metal Clad Plant, and Copper Rod Mill Plant shall not discharge, or cause the discharge, into the atmosphere, particulate matter (PM_{10}) in excess of 12.5 tons during any consecutive 12-month period from the following emission units.
[391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]

Emission Unit	Permit IDs
Drawing Machines	P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, P6135, P7052, P7053, P7054, P7055, and P7056

Emission Unit	Permit IDs
Pellet Hoppers	P3002, P6002, P6005, P6008, P6011, P6014, P6017, P6020, P6023, P6026, P6039, P6043, P6047, P6051, P6055, P7004, P7005, P7006, P7012, P7013, P7014, P6060, P6063, P6066, P6069, P6072, P6075, P6078, P6081, P6084, P6087, P6090, P6093, P6096, P6099, P6102, P6105, P6108, P6111, P6114, P6117, P6120, P6123, P6126, P6129, P6133, P7070, P7073, P6148, P6149, P6150, P6151, P6152, and P6153
Rod Mill	F4001, F4001, F4003

NEW CONDITION

3.2.A.9 Building Wire Plant, Utility Products Plant, Metal Clad Plant, and Copper Rod Mill Plant shall not discharge, or cause the discharge, into the atmosphere, particulate matter with an aerodynamic diameter less than 2.5 microns ($PM_{2.5}$) in excess of 7.5 tons during any consecutive 12-month period from the following emission units.
[391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]

Emission Unit	Permit IDs
Drawing Machines	P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, P6135, P7052, P7053, P7054, P7055, and P7056
Pellet Hoppers	P3002, P6002, P6005, P6008, P6011, P6014, P6017, P6020, P6023, P6026, P6039, P6043, P6047, P6051, P6055, P7004, P7005, P7006, P7012, P7013, P7014, P6060, P6063, P6066, P6069, P6072, P6075, P6078, P6081, P6084, P6087, P6090, P6093, P6096, P6099, P6102, P6105, P6108, P6111, P6114, P6117, P6120, P6123, P6126, P6129, P6133, P7070, P7073 P6148, P6149, P6150, P6151, P6152, and P6153
Rod Mill	F4001, F4001, F4003

NEW CONDITION

3.2.A.10 Building Wire Plant, Utility Products Plant, Metal Clad Plant, and Copper Rod Mill Plant shall not discharge, or cause the discharge, into the atmosphere, volatile organic compounds (VOC) in excess of 71 tons during any consecutive 12-month period from the following emission units.
[391-3-1-.03(2)(c), 40 CFR 52.21 Avoidance]

Emission Unit	Permit IDs
Drawing Machines	P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, P6135, P7052, P7053, P7054, P7055, and P7056
Plastic Extrusion Lines	P3001, P6001, P6004, P6007, P6010, P6013, P6016, P6019, P6022, P6025, P6028, P6029, P6030, P6031, P6032, P6033, P6038, P6042, P6046, P6050, P6054, P7001, P7002, P7003, P7009, P7010, P7011, P6059, P6062, P6065, P6068, P6071, P6074, P6077, P6080, P6083, P6086, P6089, P6092, P6095,

Emission Unit	Permit IDs
	P6098, P6101, P6104, P6107, P6110, P6113, P6116, P6119, P6122, P6125, P6128, P6132, P7069, and P7072
Ink Application System	P3003, P3016 – P3026, P6003, P6006, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052, P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019, P7020, P3040 - P3052, P6061, P6064, P6067, P6070, P6073, P6076, P6079, P6082, P6085, P6088, P6091, P6094, P6097, P6100, P6103, P6106, P6109, P6112, P6115, P6118, P6121, P6124, P6127, P6130, P6134, P6146, P6147, P7029 – P7051, P7071, and P7074.
Rod Mill	F4001, F4001, F4003

NEW CONDITION

3.2.A.11 Building Wire Plant, Utility Products Plant, and Metal Clad Plant shall not discharge, or cause the discharge, into the atmosphere, any single HAP in excess of 9.6 tons during any consecutive 12-month period from the following emission units.
[391-3-1-.03(2)(c), 40 CFR 63, Subpart B Avoidance]

Emission Unit	Permit IDs
Ink Application System	P3003, P3016 – P3026, P6003, P6006, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052, P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019, P7020, P3040 - P3052, P6061, P6064, P6067, P6070, P6073, P6076, P6079, P6082, P6085, P6088, P6091, P6094, P6097, P6100, P6103, P6106, P6109, P6112, P6115, P6118, P6121, P6124, P6127, P6130, P6134, P6146, P6147, P7029 – P7051, P7071, and P7074.

NEW CONDITION

3.2.A.12 Building Wire Plant, Utility Products Plant, and Metal Clad Plant shall not discharge, or cause the discharge, into the atmosphere, Total HAP in excess of 24.9 tons during any consecutive 12-month period from the following emission units.
[391-3-1-.03(2)(c), 40 CFR 63, Subpart B Avoidance]

Emission Unit	Permit IDs
Ink Application System	P3003, P3016 – P3026, P6003, P6006, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052, P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019, P7020, P3040 - P3052, P6061, P6064, P6067, P6070, P6073, P6076, P6079, P6082, P6085, P6088, P6091, P6094, P6097, P6100, P6103, P6106, P6109, P6112, P6115, P6118, P6121, P6124, P6127, P6130, P6134, P6146, P6147, P7029 – P7051, P7071, and P7074.
CAMV Extrusion Lines	P7001, P7002, P7003, P7009, P7010, P7011, P7069, P7072
Curing Ovens	CS15- CS24

3.5.A Equipment Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit [MULTI]

MODIFIED CONDITION

3.5.A.1 The Permittee shall comply with all applicable rules and/or regulations/ emissions limitations and/or operations limitations, monitoring requirements, recordkeeping requirements and/or reporting requirements for all applicable equipment to be removed as specified in Application Number 556063 and Application Number 632967 until it is removed from the facility.
[391-3-1-.03(2)(c)]

NEW CONDITION

3.5.A.2 The Permittee shall operate dust filters on all plastic pellet feeder hopper systems proposed in Modernization 1 and Modernization 2, and oil mist collectors on all new drawing machines with the capability of drawing aluminum as specified in Application Number 556063 and Application Number 632967, respectively while applicable equipment is operating.
[391-3-1-.03(2)(c)]

3.2.B Equipment Emission Caps and Operating Limits [BWP]

MODIFIED CONDITION

3.2.B.3 Building Wire Plant shall only process copper on Drawing Machines P643, *P656*, P660, P661, P682, P689, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, and P6135.
[391-3-1-.03(2)(c), 40 CFR 51.165 Avoidance, 40 CFR 52.21 Avoidance]

3.3.C Equipment Federal Rule Standards [MC]

MODIFIED CONDITION

3.3.C.5 The Permittee shall limit organic HAP emissions from Printers P361 through P380, Printers P3016 through P3026, and Printers P3040 through P3052 and associated items listed in 40 CFR 63.3882(b)(1) through (4) that are used for surface coating to no more than 2.6 pound (lb) organic HAP per gallon (gal) coating solids used during each 12-month compliance period. The Permittee shall be in compliance with this emission limit at all times.
[40 CFR 63.3882(b)(1) through 40 CFR 63.3882(b)(4), 40 CFR 63.3890(b)(1), 40 CFR 63.3890(c)(1), and 40 CFR 63.3900(a)(1)]

MODIFIED CONDITION

3.3.C.6 The Permittee shall include all coatings (as defined in 40 CFR 63.3981), thinners and/or other additives, and cleaning materials used in the Printers P361 through P380, P3016 through P3026, and Printers P3040 through P3052 and associated items listed in 40 CFR 63.3882(b)(1) through (4) when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit in 40 CFR 63.3890. To make this determination, the Permittee must use at least one of the following compliance options listed in paragraphs (a) and (b) of this permit condition. The Permittee may apply any of the compliance options to an individual coating operation, or to multiple coating operations as a group, or to the entire affected source. The Permittee may use different compliance options for different coating operations, or at different times on the same coating operation. The Permittee may employ different compliance options when different coatings are applied to the same part, or when the same coating is applied to different parts. However, Permittee may not use different compliance options at the same time on the same coating operation. If the Permittee switches between compliance options for any coating operation or group of coating operations, the Permittee must document this switch as required by 40 CFR 63.3930(c), and shall report it in the next semiannual compliance report required by 40 CFR 63.3920.
[40 CFR 63.3891, 40 CFR 63.3891(a) and (b), 40 CFR 63.3940, 40 CFR 63.3941, 40 CFR 63.3942, 40 CFR 63.3950, 40 CFR 63.3951, and 40 CFR 63.3952]

a. *Compliant material option.* The Permittee shall demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, and that each thinner and/or other additive, and cleaning material used contains no organic HAP. The Permittee shall meet all the requirements of 40 CFR 63.3940, 40 CFR 63.3941, and 40 CFR 63.3942 to demonstrate compliance with the applicable emission limit using this option.

b. *Emission rate without add-on controls option.* The Permittee shall demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, calculated as a rolling 12-month emission rate and determined on a monthly basis. The Permittee shall meet all the requirements of 40 CFR 63.3950, 40 CFR 63.3951, and 40 CFR 63.3952 to demonstrate compliance with the emission limit using this option.

MODIFIED CONDITION

3.3.C.7 The Permittee shall comply with all applicable requirements of 40 CFR 63 Subpart MMMM – "National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products", and Federal Rule 40 CFR 63 Subpart A – "General Requirements" as specified in Table 2 of 40 CFR 63, Subpart MMMM for the operation of Printers P361-P380, ~~and~~ Printers P3016-P3026, and Printers P3040-P3052 and associated items listed in 40 CFR 63.3882(b)(1) through (4).
[40 CFR 63, Subpart MMMM and Table 2 of 40 CFR 63, Subpart MMMM]

3.2.D Equipment Emission Caps and Operating Limits [CRM]

MODIFIED CONDITION

3.2.D.1 *The Permittee shall not discharge, or cause the discharge, into the atmosphere from the Rod Mill Shaft Furnace (F409) and the Rod Mill Quenching and Cooling System (Q467), combined, VOC emissions in excess of 73 tons during any consecutive 12-month period.*

The emissions limits as specified in this permit condition shall become null and void once the Rod Mill Shaft Furnace (F409) and the Rod Mill Quenching and Cooling System (Q467) are fully removed from the facility.
[Avoidance of PSD – 40 CFR 52.21]

DELETED

3.2.D.2 ~~Copper Rod Mill shall only process copper on Drawing Machine P477. [391-3-1-.03(2)(c), 40 CFR 51.165 Avoidance, 40 CFR 52.21 Avoidance]~~

DELETED

3.2.D.3 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere from the Rod Mill Shaft Furnace (F4001 and F4002) and the Rod Mill Quenching and Cooling System (F4003), combined, VOC emissions in excess of 44 tons during consecutive 12-month period.~~
~~[391-3-1-.03(2)(c), Avoidance of PSD – 40 CFR 52.21]~~

DELETED

3.2.D.4 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere from the Rod Mill Shaft Furnaces (F4001 and F4002), PM/PM10/PM2.5 emissions in excess of 7 tons during any consecutive 12-month period.~~
~~[391-3-1-.03(2)(c), Avoidance of PSD – 40 CFR 52.21]~~

3.3.D Equipment Federal Rule Standards [CRM]

NEW CONDITION

3.3.D.1 The Permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants (NESHAP) as found in 40 CFR 63 Subpart A - "General Provisions" and 40 CFR 63 Subpart DDDDD - " Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters" for the operation of Vaporizers P480 and P481.
[40 CFR 63 Subpart DDDDD]

NEW CONDITION

3.3.D.2 During periods of startup and shutdown for Vaporizers P480 and P481, the Permittee must comply only with the requirements of Table 3 of 40 CFR 63, Subpart DDDDD.
[40 CFR 63 Subpart DDDDD]

NEW CONDITION

3.3.D.3 The Permittee shall comply with periodic tune-up requirement as a work practice standard per 40 CFR Subpart DDDDD Table 3 for Vaporizers P480 and P481. The tune-up must be conducted every 5 years, with the first tune-up due within 61 months of the initial startup of the unit, and each subsequent tune-up is due within 61 months of the previous tune-up. [40 CFR 63.7510(g), 63.7515(d), Subpart DDDDD Table 3, Item 1]

3.4.D Equipment SIP Rule Standards [UPP]

MODIFIED CONDITION

3.4.D.3 The Permittee shall not fire any fuel in the Rod Mill Shaft Furnace (F409) or either of the Vaporizers (P480 and/or P481) ~~or Vertirod Process (F476)~~ whose sulfur content exceeds 2.5 weight percent, unless otherwise specified by the Director.
[391-3-1-.02(2)(g)]

NEW CONDITION

3.4.D.9 The Permittee shall not transfer or cause or allow the transfer of any volatile organic liquid other than gasoline from any delivery vessel into Storage Tank ST1, unless the tank is equipped with submerged fill pipes.
[391-3-1-.02(2)(vv)]

NEW CONDITION

3.4.D.10 The Permittee shall not cause, let, suffer, permit, or allow any emissions from equipment as specified below in this permit condition which:

a. Contain fly ash and/or other particulate matter in amounts equal to or exceeding 0.5 pounds per million BTU heat input from either of the Vaporizers (P480 and/or P481). [391-3-1-.02(2)(d)2.(i)]

b. Exhibit visible emissions, the opacity of which is equal to or greater than 20 percent except for one six minute period per hour of not more than 27 percent opacity from either of the Vaporizers (P480 and/or P481). [391-3-1-.02(2)(d)3.]

3.2.E Equipment Emission Caps and Operating Limits [UPP]

NEW CONDITION

3.2.E.9 The Permittee shall not discharge, or cause the discharge, into the atmosphere, methanol in excess of 5.5 tons during any consecutive 12-month period from the following emission units. [Section 112(g) Avoidance]

Emission Unit	Permit IDs
CAMV Extrusion Lines	P7001, P7002, P7003, P7009, P7010, P7011, P7069, P7072
Curing Ovens	CS15- CS24

NEW CONDITION

3.2.E.10 The Permittee shall only operate Steam Generators P7057 and P7058 as a heating source or Humidifiers P7059 through P7068 as a heating source at any given time.
[PSD Avoidance – 40 CFR 52.21]

3.3.E Equipment Federal Rule Standards [UPP]

NEW CONDITION

3.3.E.6 The Permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants (NESHAP) as found in 40 CFR 63 Subpart A - "General Provisions" and 40 CFR 63 Subpart DDDDD - " Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters" for the operation of Boilers P7057 and P7058 and Humidifiers P7059 through P7068.
[40 CFR 63 Subpart DDDDD]

NEW CONDITION

3.3.E.7 During periods of startup and shutdown for Steam Generators P7057 and P7058 or Humidifiers P7059 through P7068, the Permittee must comply only with the requirements of Table 3 of 40 CFR 63, Subpart DDDDD.
[40 CFR 63 Subpart DDDDD]

NEW CONDITION

3.3.E.8 The Permittee shall comply with periodic tune-up requirement as a work practice standard per 40 CFR Subpart DDDDD Table 3 for Steam Generators P7057 and P7058. The tune-up must be conducted every 2 years, with the first tune-up due within 25 months of the initial startup of the unit, and each subsequent tune-up is due within 25 months of the previous tune-up.
[40 CFR 63.7510(g), 63.7515(d), Subpart DDDDD Table 3, Items 2]

NEW CONDITION

3.3.E.9 The Permittee shall comply with periodic tune-up requirement as a work practice standard per 40 CFR Subpart DDDDD Table 3 for Humidifiers P7059 through P7068. The tune-up must be conducted every 5 years, with the first tune-up due within 61 months of the initial startup of the unit, and each subsequent tune-up is due within 61 months of the previous tune-up.
[40 CFR 63.7510(g), 63.7515(d), Subpart DDDDD Table 3, Items 1]

3.4.E Equipment SIP Rule Standards [UPP]

DELETED

3.4.E.2 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere from the equipment specified below, gases which contain PM in excess of the rate of 0.5 pounds per million Btu per hour from Flame Burners (emission unit ID Nos. 723 through 734).~~
~~[391-3-1-.02(2)(d)2.]~~

MODIFIED CONDITION

3.4.E.4 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere from Flame Burners (emission unit ID Nos. P723 through P734), Humidifiers (P7059 through P7068), and Steam Generators (P7057 and P7058) visible emissions the opacity of which is equal to or greater than twenty (20) percent except for one six minute period per hour of not more than twenty-seven (27) percent opacity.~~ The Permittee shall not cause, let, suffer, permit, or allow any emissions from equipment as specified below in this permit condition which:

a. Contain fly ash and/or other particulate matter in amounts equal to or exceeding 0.5 pounds per million BTU heat input from Flame Burners (emission unit ID Nos. P723 through P734), Humidifiers (P7059 through P7068) or Steam Generators (P7057 and/or P7058)
[391-3-1-.02(2)(d)2.(i)]

b. Exhibit visible emissions, the opacity of which is equal to or greater than 20 percent except for one six minute period per hour of not more than 27 percent opacity from Flame Burners (emission unit ID Nos. P723 through P734), Humidifiers (P7059 through P7068), and Steam Generators (P7057 and/or P7058).
[391-3-1-.02(2)(d)3.]

MODIFIED CONDITION

3.4.E.5 The Permittee shall not burn any fuel in Parts Cleaning Oven with Afterburner (emission unit ID No. P745); Flame Burners P723 through P734; or Annealing Furnaces P721~~; or~~ P523; Humidifiers P7059 through P7068, and Steam Generators P7057 and P7058 whose sulfur content exceeds 2.5 percent, by weight.

3.5.E Equipment Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit [UPP]

MODIFIED CONDITION

3.5.E.1 The Permittee shall check ~~bin vent~~ fabric filters C280, C281, C760, and C761 at least once every quarter and clean or replace them at least once semiannually.
[391-3-1-.02(2)(a)10.]

MODIFIED CONDITION

3.5.E.2 The Permittee shall operate the oil mist collectors (Air Pollution Control ID Nos. C524 ~~and~~ C525, C7052, C7053, C7054, C7055, and C7056) at all times that the drawing machines (emission unit ID Nos. P524 ~~and~~ P525, P7052, P7053, P7054, P7055, and P7056) are in operation.
[391-3-1-.03(2)(c).]

3.2.G Equipment Emission Caps and Operating Limits [CTC]

MODIFIED CONDITION

3.2.G.1 **~~Cofer Operating Scenario 1~~:**

The Permittee shall conduct no more than three (3) complete tests in Chamber P910~~,~~ ~~chamber P912, or chamber P913~~ in any one twenty-four hour period. For the purpose of this condition, one twenty-four hour period shall be defined as the period between 12:00 midnight and the following midnight.

[391-3-1-.02(2)(a)1 - Georgia Air Toxics Guideline]

MODIFIED CONDITION

3.2.G.2 **~~Cofer Operating Scenario 1~~:**

The Permittee shall conduct no more than 450 complete tests in Chamber P910~~,~~ ~~chamber~~ ~~P912, and chamber P913~~ ~~combined~~ in any twelve consecutive month period.

[391-3-1-.02(2)(a)1 - HAP Synthetic Minor Limit]

MODIFIED CONDITION

3.2.G.3 **~~Cofer Operating Scenario 1~~:**

The Permittee shall operate Scrubber C910 when a test is being conducted in Chamber P910, ~~chamber P912, or chamber P913~~.

[391-3-1-.02(2)(a)1- Georgia Air Toxics Guideline]

MODIFIED CONDITION

3.2.G.4 **~~Cofer Operating Scenario 1 and Cofer Operating Scenario 2~~:**

The Permittee shall not discharge, or cause the discharge, into the atmosphere, from chamber P910, any gases that exhibit visible emissions, the opacity of which is equal to or greater than twenty (20) percent.

[391-3-1-.02(2)(a)1; 391-3-1-.02(2)(b)(Subsumed)]

DELETED

3.2.G.8 **~~Cofer Operating Scenario 1:~~**

~~The Permittee shall not operate Chamber P910, Chamber P912, or Chamber P913 simultaneously.~~

~~[391-3-1-.02(2)(a)1- Georgia Air Toxics Guideline]~~

DELETED

3.2.G.9 **~~Cofer Operating Scenario 2:~~**

~~The Permittee shall conduct no more than five (5) complete tests in Chamber P910, no more than five (5) complete tests in Chamber P912, and no more than five (5) complete tests in Chamber P913 in any one twenty-four hour period. For the purpose of this condition, one twenty-four hour period shall be defined as the period between 12:00 midnight and the following midnight.~~

~~[391-3-1-.02(2)(a)1 - Georgia Air Toxics Guideline]~~

DELETED

3.2.G.10 ~~**Cofer Operating Scenario 2:**~~
~~The Permittee shall conduct no more than 1,150 complete tests in Chamber P910, no more than 1,150 complete tests in Chamber P912, and no more than 1,150 complete tests in Chamber P913 in any twelve consecutive month period. This Condition shall become effective upon startup of scrubber C912.~~
~~[391-3-1-.02(2)(a)1 - Georgia Air Toxics Guideline]~~

DELETED

3.2.G.11 ~~**Cofer Operating Scenario 2:**~~
~~The Permittee shall operate C912 when a test is being conducted in Chamber P910, P912, or P913.~~
~~[391-3-1-.02(2)(a)1- Georgia Air Toxics Guideline]~~

DELETED

3.2.G.12 ~~Once Cofer Operating Scenario 2 is implemented, Cofer Operating Scenario 1 and Permit Conditions 3.2.G.1, 3.2.G.2, 3.2.G.3, and 3.2.G.8 become invalid~~
~~[391-3-1-.02(2)(a)1 - Georgia Air Toxics Guideline]~~

3.3.G Equipment Federal Rule Standards [CTC]

DELETED

3.3.G.1 ~~*The Permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants (NESHAP) as found in 40 CFR 63 Subpart A - "General Provisions" and 40 CFR 63 Subpart DDDDD - " Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters" for operation of the boiler (Source Code: P911).*~~
~~*[40 CFR 63 Subpart DDDDD]*~~

DELETED

3.3.G.2 ~~*During periods of startup and shutdown for Boiler P911, the Permittee must comply only with the requirements of Table 3 of 40 CFR 63, Subpart DDDDD.*~~
~~*[40 CFR 63.7500 (f)]*~~

DELETED

3.3.G.3 ~~*The Permittee shall comply with the periodic tune-up requirement as a work practice standard per Subpart DDDDD Table 3 for Boiler P911. The tune-up must be conducted every 5 years, with the first tune-up due within 61 months of the initial startup of the unit, and each subsequent tune-up is due within 61 months of the previous tune-up.*~~
~~*[40 CFR 63.7510 (g), 63.7515 (d), Subpart DDDDD Table 3, Item 1]*~~

3.4.G Equipment SIP Rule Standards [CTC]

MODIFIED CONDITION

3.4.G.2 *The Permittee shall not fire any fuel in the chamber P910 burner* ~~or~~ boiler P911 *that contains more than 2.5 weight percent sulfur.*
[391-3-1-.02(2)(g)]

DELETED

3.4.G.3 ~~*The Permittee shall not discharge, or cause the discharge, into the atmosphere from boiler P911 visible emissions the opacity of which is equal to or greater than twenty (20) percent except for one six minute period per hour of not more than twenty-seven (27) percent opacity. [391-3-1-.02(2)(d)3.]*~~

DELETED

3.4.G.4 ~~*The Permittee shall not discharge, or cause the discharge, into the atmosphere from the Boiler P911, gases which contain PM in excess of the rate of 0.5 pounds per million Btu heat input.*~~
~~*[391-3-1-.02(2)(d)2.]*~~

3.2.H Equipment Emission Caps and Operating Limits [CEM]

MODIFIED CONDITION

3.2.H.1 The Permittee shall limit the total ~~annual~~ hours of operation of each engine, Source Codes P807, ~~and~~ P813~~,~~ and P824 to less than 200 hours during any twelve consecutive months. [Avoidance of 391-3-1-.02(2)(mmm)]

MODIFIED CONDITION

3.2.H.2 The Permittee shall only operate engines with Source Codes P807, and P813, and P824 when electric power is not available from the local utility or for routine testing and maintenance. [Avoidance of 391-3-1-.02(2)(mmm)]

DELETED

3.2.H.3 ~~The Permittee shall limit the total annual hours of operation of each engine, Source Codes P804, P805, and P806, to no more than 3,261 hours during any twelve consecutive months. [Avoidance of PSD – 40 CFR 52.21]~~

3.3.H Equipment Federal Rule Standards [CEM]

DELETED

3.3.H.1 ~~The Permittee shall comply with all applicable requirements of 40 CFR 63 Subpart ZZZZ – "National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)", and Federal Rule 40 CFR 63 Subpart A – "General Requirements" as specified in Table 8 of 40 CFR 63, Subpart ZZZZ for the operation of Equipment P804, P805, and P806.~~
~~[40 CFR 63, Subpart ZZZZ and Table 8 of 40 CFR 63, Subpart ZZZZ]~~

MODIFIED CONDITION

3.3.H.2 The Permittee shall comply with all applicable requirements of 40 CFR 63 Subpart ZZZZ – National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), for the operation of Equipment P807 or P824. Owners or operators of emergency stationary RICE with a site rating of more than 500 brake HP located at a major source of HAP emissions constructed or reconstructed after December 19, 2002 are not subject the requirements of 40 CFR 63 Subpart ZZZZ and 40 CFR 63 Subpart A, except for the initial notification requirements of 40 CFR 63.6645(f).
[40 CFR 63.6590(b)(1)]

DELETED

3.3.H.3 ~~The Permittee shall reduce formaldehyde emissions from each of the Waukesha Engines (Source IDs: P804, P805, and P806) by 76 percent or more.~~
~~[40 CFR 63.6600(a) and Table 1a of 40 CFR 63, Subpart ZZZZ]~~

DELETED

3.3.H.4 ~~The Permittee must maintain the catalyst of each Non-Selective Catalytic Reduction (NSCR) System (Air Pollution Control Device IDs: C804, C805, and C806) so that the pressure drop across the catalyst does not change by more than two inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst measured during the most recent performance test; and maintain the temperature of the stationary exhaust from each of the Waukesha Engines (Source IDs: P804, P805, and P806) so that the 4-hour average catalyst inlet temperature is greater than or equal to 750 degrees Fahrenheit (°F) and less than or equal to 1250 °F.~~
~~[40 CFR 63.6600(a) and Table 1b of 40 CFR 63, Subpart ZZZZ]~~

DELETED

3.3.H.5 ~~The Permittee shall be in compliance with the emission limitations and operating limitations in Permit Conditions 3.3.H.3 and 3.3.H.4 at all times, except during periods of startup, shutdown, and malfunction.~~
~~[40 CFR 63.6605(a)]~~

DELETED

3.3.H.6 ~~The Permittee shall operate and maintain each of the Waukesha Engines (Source IDs: P804, P805, and P806), including air pollution control and monitoring equipment, in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction.~~
~~[40 CFR 63.6605(b)]~~

DELETED

3.3.H.7 ~~The Permittee shall comply with all applicable requirements of 40 CFR 60 Subpart JJJJ – "Standards of Performance for New Stationary Sources for Stationary Spark Ignition Internal Combustion Engines", and Federal Rule 40 CFR 60 Subpart A – "General Requirements" as specified in Table 3 of 40 CFR 60, Subpart JJJJ for the operation of Equipment P804, P805, and P806.~~
~~[40 CFR 60, Subpart JJJJ and Table 3 of 40 CFR 60, Subpart JJJJ]~~

DELETED

3.3.H.8 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere, from Waukeshas Engine P804, P805, and P806, any emissions which is equal to or greater than as specified below. The Permittee shall operate and maintain Waukesha Engines P804, P805, and P806 so that each achieves the emission standards as required in 40 CFR 60.4233 over the entire life of the engine.~~
~~[40 CFR 60.4233(e), 40 CFR 60.4233(f)(4), Table 1 of 40 CFR 60, Subpart JJJ, and 40 CFR 60.4234]~~

a. ~~2.0 g/HP-hr NO_X emissions, 4.0 g/HP-hr CO emissions, and 1.0 g/HP-hr VOC emissions; or~~

b. ~~160 ppmdv NO_X emissions at 15% O_2 on a dry basis, 540 ppmdv CO emissions at 15% O_2 on a dry basis, and 86 ppmdv VOC emissions (as propane) at 15% O_2 on a dry basis.~~

MODIFIED CONDITION

3.3.H.9 The Permittee shall comply with all applicable requirements of 40 CFR 60 Subpart IIII – Standards of Performance for New Stationary Sources for Stationary Compression Ignition Internal Combustion Engines, and Federal Rule 40 CFR 60 Subpart A – General Requirements for the operation of Equipment P807 and Equipment P824.
[40 CFR 60, Subpart IIII]

NEW CONDITION

3.3.H.23 The Permittee shall not fire any fuel in Engine P807 or Engine P824 that contains more than 0.0015 weight percent sulfur.
[40 CFR 60 Subpart IIII]

NEW CONDITION

3.3.H.24 The Permittee shall operate the Engine P824 according to the requirements in 40 CFR 60.4211(f)(1) through 40 CFR 60.4211(f)(3). Any operation of Engine P824 other than emergency operation, maintenance and testing, and operation in non-emergency situations for 50 hours per any 12 consecutive months, as described in 60.4211(f)(1) through 40 CFR 60.4211(f)(3), is prohibited.
[40 CFR 60 Subpart IIII]

3.4.H Equipment SIP Rule Standards [CEM]

MODIFIED CONDITION

3.4.H.1 The Permittee shall not discharge, or cause the discharge, into the atmosphere, from each engine, ~~P804, P805, P806,~~ P807, P808, P809, P810, P811, P813, P817, ~~and~~ P818, and P824 any gases that exhibit visible emissions, the opacity of which is equal to or greater than forty (40) percent.
[391-3-1-.02(2)(b)]

DELETED

3.4.H.2 ~~The Permittee shall not fire any fuel in engines P804, P805, and P806 that contains more than 2.5 weight percent sulfur.~~
~~[391-3-1-.02(2)(g)]~~

DELETED

3.4.H.3 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere, from each engine with Source Code P804, P805, and P806, any gases, which contain nitrogen oxides (NOx) in excess of 80 parts per million (ppm) at 15% oxygen, dry basis May 1 through September 30 of each calendar year.~~
~~[391-3-1-.02(2)(mmm)]~~

DELETED

3.4.H.4 ~~The Permittee shall not fire any fuel in engine P807~~ or P824 ~~that contains more than 0.0015 weight percent sulfur.~~
~~[40 CFR 60 Subpart IIII]~~

3.5.H Equipment Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit [CEM]

DELETED

3.5.H.1 ~~The Permittee shall install and operate a Non-Selective Catalytic Reduction System (Air Control Device ID: C804) for Equipment P804, Non-Selective Catalytic Reduction System (Air Control Device ID: C805) for Equipment P805, and Non-Selective Catalytic Reduction System (Air Control Device ID: C806) for Equipment P806.~~
~~[391-3-1-.03(2)(c)]~~

3.3.I Equipment Federal Rule Standards [TAP]

DELETED

3.3.I.1 ~~The Permittee shall limit organic HAP emissions from Blade Coating P970 and associated items listed in 40 CFR 63.3882(b)(1) through (4) that are used for surface coating to no more than 1.9 pound (lb) organic HAP per gallon (gal) coating solids used during each 12-month compliance period. The Permittee shall be in compliance with this emission limit at all times.~~
~~[40 CFR 63.3882(b)(1) through 40 CFR 63.3882(b)(4), 40 CFR 63.3890(a)(1), 40 CFR 63.3890(c)(1), and 40 CFR 63.3900(a)(1)]~~

DELETED

3.3.I.2 ~~The Permittee shall include all coatings (as defined in 40 CFR 63.3981), thinners and/or other additives, and cleaning materials used in Blade Coating P970 and associated items listed in 40 CFR 63.3882(b)(1) through (4) when determining whether the organic HAP emission rate is equal to or less than the applicable emission limit in 40 CFR 63.3890. To make this determination, Permittee must use at least one of the following compliance options listed in paragraphs (a) and (b) of this permit condition. The Permittee may apply any of the compliance options to an individual coating operation, or to multiple coating operations as a group, or to the entire affected source. The Permittee may use different compliance options for different coating operations, or at different times on the same coating operation. The Permittee may employ different compliance options when different coatings are applied to the same part, or when the same coating is applied to different parts. However, Permittee may not use different compliance options at the same time on the same coating operation. If the Permittee switches between compliance options for any coating operation or group of coating operations, the Permittee must document this switch as required by 40 CFR 63.3930(c), and shall report it in the next semiannual compliance report required in 40 CFR 63.3920.~~
~~[40 CFR 63.3891, 40 CFR 63.3891(a) and (b), 40 CFR 63.3940, 40 CFR 63.3941, 40 CFR 63.3942, 40 CFR 63.3950, 40 CFR 63.3951, and 40 CFR 63.3952]~~

~~a. *Compliant material option.* The Permittee shall demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, and that each thinner and/or other additive, and cleaning material used contains no organic HAP. The Permittee shall meet all the requirements of 40 CFR 63.3940, 40 CFR 63.3941, and 40 CFR 63.3942 to demonstrate compliance with the applicable emission limit using this option.~~

~~b. *Emission rate without add-on controls option.* The Permittee shall demonstrate that, based on the coatings, thinners and/or other additives, and cleaning materials used in the coating operation(s), the organic HAP emission rate for the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, calculated as a rolling 12-month emission rate and determined on a monthly basis. The Permittee shall meet all the requirements of 40 CFR 63.3950, 40 CFR 63.3951, and 40 CFR 63.3952 to demonstrate compliance with the emission limit using this option.~~

DELETED

3.3.I.3 ~~The Permittee shall comply with all applicable requirements of 40 CFR 63 Subpart MMMM "National Emissions Standards for Hazardous Air Pollutants for Surface Coating of Miscellaneous Metal Parts and Products", and Federal Rule 40 CFR 63 Subpart A – "General Requirements" as specified in Table 2 of 40 CFR 63, Subpart MMMM for the operation of Blade Coating P970 and associated items listed in 40 CFR 63.3882(b)(1) through (4).~~
~~[40 CFR 63, Subpart MMMM and Table 2 of 40 CFR 63, Subpart MMMM]~~

DELETED

3.3.I.4 ~~Predominant Activity Emission Limit – All surface coating operations shall comply with the emission limit, as reflected in Permit Condition 3.3.I.1, for the predominant activity. The predominant activity is the subcategory of coating operations, which represents 90 percent or more of the coating activity at the facility. This emission limit is only available where the predominant activity is the general use subcategory of 40 CFR 63, Subpart MMMM. The determination of predominant activity shall be made based on the relative volume of coating solids used and shall be calculated using coating consumption and volume solids content. Surface coating operations that are one percent or less of the total coating activities at the facility are not included in the applicability determination, but are included in compliance calculations. The predominant activity calculation results shall be recalculated each year and submitted along with the next semiannual compliance report required by Permit Condition 6.2.I.3.~~
~~[40 CFR 63.3890(c)(1)]~~

DELTED

3.3.I.5 ~~Facility-Specific Emission Limit – The Permittee may calculate and comply with a facility-specific emission limit for all surface coating operations at the facility, including surface coating subject to another 40 CFR 63 standard. Calculation of the facility-specific emission limit shall use the equation in this condition; and shall include all surface coating operations, except for surface coating operations that comprise one percent or less of the total coating activities at the facility.~~
~~[40 CFR 63.3890(c)(2)]~~

$$Facility-Specific\ Emission\ Limit = \frac{\sum_{i=1}^{n}(Limit_i)(Solids_i)}{\sum_{i=1}^{n}(Solids_i)}$$ ~~Equation 1 of 40 CFR 63.3890~~

~~Where:~~

~~Facility-Specific Emission Limit = Facility-specific emission limit for each 12-month compliance period, lb organic HAP per lb coating solids used~~
~~$Limit_i$ = Emission limit applicable to coating operation i in units of lb organic HAP per lb coating solids used.~~

~~$Solids_i$ = The gal of coating solids used in coating operation i during the 12-month compliance period. This value must be calculated using the coating consumption and volume solids content.~~

~~n = The number of different coating operations included in the facility-specific emission limit.~~

~~Compliance with a facility-specific emission limit, as defined in 40 CFR 63, Subpart MMMM and with the emission limits for 40 CFR 63, Subpart MMMM constitutes compliance with 40 CFR 63, Subpart MMMM and any other surface coating NESHAP that is applicable to the facility. Determination of the rolling 12-month facility-specific emission limit and compliance calculations shall be performed as described in 40 CFR 63.3890(c)(2). For each rolling 12-month compliance period, the emissions of organic HAP shall not exceed the rolling 12-month facility-specific emission limit. The monthly facility-specific emission limit shall be included in the semiannual compliance report required by Condition 6.2.I.3. Compliance with the facility-specific emission limit must include all coating operations. Emission limits from other 40 CFR 63 standards that are based on lb organic HAP per lb coating solids must be converted to lb organic HAP per gal coating solids using the default solids density of 10.5 lb solids per gal coating solids.~~

3.4.I Equipment SIP Rule Standards [TAP]

DELETED

3.4.I.3 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere, volatile organic compound emissions, from blade coating (Source Code P970) in excess of 3.5 pounds per gallon of coating, excluding water, delivered to the coating applicator. If any coating delivered to the coating applicator contains more than 3.5 pounds of VOC per gallon, excluding water, then the solids equivalent limit shall be 6.67 pounds VOC per gallon of coating solids delivered to the coating applicator.~~
~~[391-3-1-.02(2)(tt)]~~

DELETED

3.4.I.4 ~~The Permittee shall comply with the emission limitation specified in Condition 3.4.I.3 by one of the following:~~
~~[391-3-1-.02(2)(tt)]~~

a. ~~The application of low solvent coating technology where each and every coating meets the limit of 3.5 pounds of VOC per gallon of coating, excluding water; or~~

b. ~~The application of low solvent coating technology where the 24-hour weighted average of all coatings used in blade coating (Source Code: P970) meets the solids equivalent limit of 6.67 pounds of VOC per gallon of coating solids delivered to the coating applicator.~~

~~Averaging across lines is not allowed~~.

DELETED

3.4.I.5 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere, gases which contain PM in excess of the rate derived from the equation noted below:~~
~~[391-3-1-.02(2)(e)1.]~~

a. ~~For process input weight rate up to and including 30 tons/hr:~~

~~$E = 4.1P^{0.67}$; or~~

b. ~~For process input weight rate above 30 tons/hr:~~

~~$E = 55P^{0.11} - 40$~~

~~where E equals the allowable PM emission rate in pounds per hour and P equals the total dry process weight input rate in ton per hour.~~

DELETED

3.4.I.6 ~~The Permittee shall not discharge, or cause the discharge, into the atmosphere, visible emissions the opacity of which is equal to or greater than forty (40) percent. [391-3-1-.02(2)(b)]~~

PART 4.0 REQUIREMENTS FOR TESTING

4.1 General Testing Requirements

4.1.3 Performance and compliance tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division's Procedures for Testing and Monitoring Sources of Air Pollutants. The methods for the determination of compliance with emission limits listed under Sections 3.2, 3.3, 3.4 and 3.5 which pertain to the emission units listed in Section 3.1 are as follows:

Condition 4.1.3.a through 4.1.3.r – No Changes

DELETED

s. ~~Method 7E shall be used for the determination of nitrogen oxides concentration when determining compliance with the limits in Condition Nos. 3.3.H.8 and 3.4.H.3. The sampling time for each run shall be at least 60 minutes.~~

DELETED

t. ~~The procedures contained in Section 2.120.2(b)(1) of the above referenced document for the selection of sample points when determining compliance with the limits in Condition Nos. 3.3.H.8 and 3.4.H.3.~~

DELETED

u. ~~Method 1 or 1A shall be used for the determination of sample point locations for Equipment P804, P805, and P806 only as specified in Table 4 of 40 CFR 63, Subpart ZZZZ.~~

DELETED

v. ~~Method 3, 3A, or 3B shall be used for the determination of stack gas molecular weight for Equipment P804, P805, and P806 only as specified in Table 4 of 40 CFR 63, Subpart ZZZZ.~~

DELETED

w. ~~Method 4, or Method 320, or ASTM D6348 shall be used for the determination of stack gas moisture for Equipment P804, P805, and P806 only as specified in Table 4 of 40 CFR 63, Subpart ZZZZ.~~

DELETED

x. ~~Method 320, or Method 323 of 40 CFR 63 shall be used for the determination of formaldehyde concentration for Equipment P804, P805, and P806 only as specified in Table 4 of 40 CFR 63, Subpart ZZZZ.~~

DELETED

y. ~~Method 311 for the determination of the mass fraction of organic HAP for each coating, thinner and/or other additive and cleaning material for P970.~~
[40 CFR 63.3941(a)]

Condition 4.1.3.z through 4.1.3.gg – No Changes

MODIFIED CONDITION

hh. Method 201A combined with Method 202 for the determination of PM_{10} and $PM_{2.5}$ emissions from either Rod Mill Shaft Furnace (F4001 or F4002). Method 5 combined with Method 202 for the determination of PM_{10} and $PM_{2.5}$ emissions from either Rod Mill Shaft Furnace (F4001 or F4002) is an acceptable alternative per EPA guidance.

Minor changes in methodology may be specified or approved by the Director or his designee when necessitated by process variables, changes in facility design, or improvement or corrections that, in his opinion, render those methods or procedures, or portions thereof, more reliable.
[391-3-1-.02(3)(a)]

4.2.D Specific Testing Requirements [CRM]

MODIFIED CONDITION

4.2.D.1 To demonstrate compliance with particulate matter emission limits, the Permittee shall conduct performance testing on one representative Rod Mill Shaft Furnace using the testing methods in Permit Condition 4.1.3.hh for either Rod Mill Shaft Furnace F4001 or Rod Mill Shaft Furnace F4002. Testing of a representative Rod Mill Shall Furnace shall be conducted while operating at maximum load.

Initial performance testing must be conducted within 60 days after achieving the maximum production rate at which either Rod Mill Shaft Furnace will be operated, but not later than 180 days after the initial startup of either Rod Mill Shaft Furnace. During initial performance testing following the issuance of Title V Operating Permit Amendment Number 3357-045-0008-V-05-3 associated with Application Number 632967, the Permittee shall determine a PM_{10} emission factor in terms of pounds of PM_{10} emitted per ton of copper charged in either Rod Mill Shaft Furnace F4001 or Rod Mill Shaft Furnace F4002. During initial performance testing following the issuance of Title V Operating Permit Amendment Number 3357-045-0008-V-05-3 associated with Application Number 632967, the Permittee shall also determine a $PM_{2.5}$ emissions factor in terms of pounds of $PM_{2.5}$ emitted per ton of copper charged in either Rod Mill Shaft Furnace F4001 or Rod Mill Shaft Furnace F4002. ~~The Permittee shall determine the hourly particulate matter emissions rate in terms of pounds per hour for one Rod Mill.~~ A performance test is required once every twelve (12) months thereafter for Rod Mill Shaft Furnace F4001 or Rod Mill Shaft Furnace F4002 for PM_{10} and $PM_{2.5}$ emissions.

Within 60 days of the completion of testing, the Permittee shall submit a report to the Division containing the emissions test results. Each emission factor shall be included in the performance testing report for Division approval prior to usage to calculate emissions as specified in Permit Condition 6.2.D.12 and/or Permit Condition 6.2.D.13.
[Avoidance of 40 CFR 52.21, 40 CFR 70.6(a)(3)(i) and 391-3-1-.02(6)(b)1]

4.2.HSpecific Testing Requirements [CEM]

DELETED

4.2.H.1 ~~Each performance test must be conducted according to the requirements in §63.7(e)(1) and under the specific conditions that 40 CFR 63, Subpart ZZZZ specifies in Table 4. The test must be conducted at any load condition within plus or minus 10 percent of 100 percent load. The Permittee may not conduct performance tests during periods of startup, shutdown, or malfunction, as specified in 40 CFR 63.7(e)(1), and must conduct three separate test runs for each performance test required, as specified in 40 CFR 63.7(e)(3). Each test run must last at least 1 hour.~~
~~[40 CFR 63.6595(a)(3), 40 CFR 63.6620, and Table 4 of 40 CFR 63, Subpart ZZZZ]~~

DELETED

4.2.H.2 ~~The Permittee must use the following equation of to determine compliance with the percent reduction requirement:~~
~~[40 CFR 63.6620(e)(1)]~~

$$\frac{(C_i - C_o)}{C_i} x100 = R$$

~~Where:~~

~~C_i = concentration of formaldehyde at the control device inlet,~~

~~C_o = concentration of formaldehyde at the control device outlet, and~~
~~R = percent reduction of formaldehyde emissions.~~

DELETED

4.2.H.3 ~~The Permittee must normalize the formaldehyde concentrations at the inlet and outlet of each control device (Air Pollution Control Device IDs: C804, C805, and C806) to a dry basis and to 15 percent oxygen, or an equivalent percent carbon dioxide (CO_2). If pollutant concentrations are to be corrected to 15 percent oxygen and CO_2 concentration is measured in lieu of oxygen concentration measurement, a CO_2 correction factor is needed. The Permittee shall calculate the CO_2 correction factor as described in paragraphs (e)(2)(i) through (iii) of §63.6620.~~
~~[40 CFR 63.6620(e)(2)]~~

DELETED

4.2.H.4 ~~The engine percent load for each of the Waukesha Engines (Source IDs: P804, P805, and P806) during a performance test must be determined by documenting the calculations, assumptions, and measurement devices used to measure or estimate the percent load in a specific application. A written report of the average percent load determination must be included in the notification of compliance status. The following information must be included in the written report: the engine model number, the engine manufacturer, the year of purchase, the manufacturer's site-rated brake horsepower, the ambient temperature, pressure, and humidity during the performance test, and all assumptions that were made to estimate or calculate percent load during the performance test must be clearly explained. If measurement devices such as flow meters, kilowatt meters, beta analyzers, stain gauges, etc. are used, the model number of the measurement device, and an estimate of its accurate in percentage of true value must be provided.~~
~~[40 CFR 63.6620(i)]~~

DELETED

4.2.H.5 ~~In the event the Permittee changes the catalyst in any of the control devices (Air Pollution Control Device IDs: C804, C805, or C806), within 180 days the Permittee must reestablish the values of the operating parameters measured during the initial performance test. When the Permittee reestablishes the values of operating parameters, the Permittee must also conduct a performance test to demonstrate that the required emission limitations applicable to each of the Waukesha Engines (Source IDs: P804, P805, and P806) are met.~~
~~[40 CFR 63.6640(b)]~~

DELETED

4.2.H.6 ~~The Permittee shall demonstrate initial compliance with the limit in Permit Condition 3.3.H.3 by doing the following:~~
~~[40 CFR 63.6630 and Table 5 of 40 CFR 63, Subpart ZZZZ]~~

a. ~~Proving that the average reduction of emissions of formaldehyde determined from the initial performance test is equal to or greater than the required formaldehyde percent reduction; and~~

b. ~~Installing a continuous parameter monitoring system (CPMS) to continuously monitor catalyst inlet temperature according to the requirements in § 63.6625(b) and Permit Conditions 5.2.H.2 and 5.2.H.3; and~~

c. ~~Recording the catalyst pressure drop and catalyst inlet temperature during the initial performance test.~~

DELETED

4.2.H.7 ~~The Permittee shall follow the procedures in 40 CFR 60.4244(d) through (f) when conducting performance testing on Waukesha Engines P804, P805, and P806. Each performance test must be conducted within 10 percent of 100 percent peak (or the highest achievable) load and according to the requirements in 40 CFR 60.8 and under the specific conditions that are specified by Table 2 of 40 CFR 60, Subpart JJJJ. The Permittee shall not conduct performance tests during periods of startup, shutdown, or malfunction, as specified in 40 CFR 60.8(c). If Waukesha Engine P804, P805, or P806 is non-operational, the Permittee does not need to startup the engine solely to conduct a performance test; however, the Permittee shall conduct the performance test immediately upon startup of Waukesha Engine P804, P805, or P806.~~

~~The Permittee shall conduct three separate test runs for each performance test required in 40 CFR 60.4244, as specified in 40 CFR 60.8(f). Each test run shall last at least 1 hour.~~
~~[40 CFR 60.4244(a), 40 CFR 60.4244(b), 40 CFR 60.4244(c)]~~

DELETED

4.2.H.8 ~~If the Permittee chooses to measure VOC emissions using either Method 18 or Method 320, then the Permittee shall follow the procedures in 40 CFR 60.4244(g) when conducting performance testing for Waukesha Engine P804, P805, or P806.~~
~~[40 CFR 60.4244(g)]~~

DELETED

4.2.H.9 ~~The Permittee conducted initial performance tests on Waukesha Engine P805 and P806 and a subsequent performance test for P804 for NO_x, CO, and VOC. The Permittee shall conduct subsequent performance tests every 8,760 operating hours or 3 years, whichever comes first, thereafter to demonstrate compliance with 40 CFR 60 Subpart JJJJ. The Permittee shall demonstrate that Waukesha Engines P804, P805, and P806 comply with the emission standards specified in 40 CFR 60.4233(f).~~
~~[40 CFR 60.4243(c), 40 CFR 60.4243(b)(2)(ii)]~~

PART 5.0 REQUIREMENTS FOR MONITORING (Related to Data Collection)

5.2.B Specific Monitoring Requirements [BWP]

MODIFIED CONDITION

5.2.B.1 The Permittee shall develop and implement a Preventative Maintenance Program for the oil mist collector (Air Pollution Control ID No. C681) and dust filter systems (Air Pollution Control ID Nos. *C324*, C632*, C635, C638,* C641, C645, C650, C653, *C658, C663,* ~~C666,~~ C673, *C676,* ~~and~~ *C679,* C6060, C6063, C6066, C6069, C6072, C6075, C6078, C6081, C6084, C6087, C6090, C6093, C6096, C6099, C6102, C6105, C6108, C6111, C6114, C6117, C6120, C6123, C6126, C6129, C6133, C6148, C6149, C6150, C6151, C6152, C6153, C6039, C6043, C6047, C6051, C6055, C6002, C6005, C6008, C6011, C6014, C6017, C6020, C6023, and C6026 to assure that the provisions of Condition 8.17.1 are met. The program shall be subject to review and, if necessary to assure compliance, modification by the Division. At a minimum, the following operation and maintenance checks shall be made as indicated in paragraphs a through d of this permit condition, and a record of the findings and corrective actions taken shall be kept in a maintenance log:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. The Permittee shall inspect the oil mist collectors and dust filter systems listed in this permit condition to ensure proper operation per manufacturer's specifications. The Permittee shall retain a record of such inspections including the date and time in a monthly inspection log suitable for inspection or submittal.

b. The Permittee shall replace or clean the oil mist collector media for oil mist collectors (Air Pollution Control ID No. C681) per manufacturer's specifications or semiannually at a minimum, whichever is more frequent. The Permittee shall retain a record of such maintenance including the date and time in a maintenance log suitable for inspection or submittal.

MODIFIED CONDITION

c. The Permittee shall replace or clean the dust filter media for dust filter systems (Air Pollution Control ID Nos. *C324,* C632*, C635, C638,* C641, C645, C650, C653*, C658, C663,* ~~C666,~~ C673*, C676*, ~~and~~ *C679,* C6060, C6063, C6066, C6069, C6072, C6075, C6078, C6081, C6084, C6087, C6090, C6093, C6096, C6099, C6102, C6105, C6108, C6111, C6114, C6117, C6120, C6123, C6126, C6129, C6133, C6148, C6149, C6150, C6151, C6152, C6153, C6039, C6043, C6047, C6051, C6055, C6002, C6005, C6008, C6011, C6014, C6017, C6020, C6023, and C6026) per manufacturer's specifications or annually at a minimum, whichever is more frequent. The Permittee shall retain a record of such maintenance including the date and time in a maintenance log suitable for inspection or submittal.

d. For each source identified in Condition 5.2.B.1 that exhibits visible emissions, the Permittee shall determine the cause of the visible emissions and correct the problem in the most expedient manner possible. The Permittee shall note the cause of the visible emissions and the corrective action taken in a maintenance log suitable for inspection or submittal.

MODIFIED CONDITION

5.2.B.2 The Permittee shall inspect bin vent filters C670, C671, C683, C684, C685, C6034, and C6136 through C6141 at least once every quarter and clean or replace the filter media at least once semiannually.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

5.2.B.3 The Permittee shall maintain a log indicating the date and time that bin vent filters C670, C671, C683, C684, C685, C6034, and C6136 through C6141 are inspected and the filter media is cleaned and/or replaced. Any failure to perform the inspections and media cleaning and replacements as prescribed in Condition 5.2.B.2 shall be reported in accordance with Condition 6.1.B.7 and shall be indicated in the log.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

5.2.C Specific Monitoring Requirements [MC]

MODIFIED CONDITION

5.2.C.1 The Permittee shall develop and implement a Preventative Maintenance Program for the dust filter systems (Air Pollution Control ID Nos. C327, C330, C334, C337, C347 ~~and~~ C350, and C3002) to assure that the provisions of Condition 8.17.1 are met. The program shall be subject to review and, if necessary to assure compliance, modification by the Division. At a minimum, the following operation and maintenance checks shall be made as indicated in paragraphs a through c of this permit condition, and a record of the findings and corrective actions taken shall be kept in a maintenance log:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. The Permittee shall inspect dust filter systems listed in this permit condition to ensure proper operation per manufacturer's specifications. The Permittee shall retain a record of such inspections including the date and time in a monthly inspection log suitable for inspection or submittal.

MODIFIED CONDITION

b. The Permittee shall replace or clean the dust filter media for dust filter systems (Air Pollution Control ID Nos. C327, C330, C334, C337, C347 ~~and~~ C350, and C3002) per manufacturer's specifications or annually at a minimum, whichever is more frequent. The Permittee shall retain a record of such maintenance including the date and time in a maintenance log suitable for inspection or submittal.

c. For each source identified in Condition 5.2.C.1 that exhibits visible emissions, the Permittee shall determine the cause of the visible emissions and correct the problem in the most expedient manner possible. The Permittee shall note the cause of the visible emissions and the corrective action(s) taken in a maintenance log suitable for inspection or submittal.

5.2.D Specific Monitoring Requirements [CRM]

DELETED

5.2.D.1 ~~The Permittee shall develop and implement a Preventative Maintenance Program for oil mist collector C478 to assure that the provisions of condition 8.17.1 are met. The program shall be subject to review and, if necessary to assure compliance, modification by the Division. At a minimum, the following operation and maintenance checks shall be made as indicated in paragraphs a through c of this permit condition, and a record of the findings and corrective actions taken shall be kept in a maintenance log:~~
~~[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]~~

a. ~~The Permittee shall inspect the oil mist collectors listed in this permit condition to ensure proper operation per manufacturer's specifications. The Permittee shall retain a record of such inspections including the date and time in a monthly inspection log suitable for inspection or submittal.~~

b. ~~The Permittee shall replace or clean the oil mist collector media for oil mist collectors (Air Pollution Control ID No. C478) per manufacturer's specifications or semiannually at a minimum, whichever is more frequent. The Permittee shall retain a record of such maintenance including the date and time in a maintenance log suitable for inspection or submittal.~~

c. ~~For each source identified in Condition 5.2.D.1 that exhibits visible emissions, the Permittee shall determine the cause of the visible emissions and correct the problem in the most expedient manner possible. The Permittee shall note the cause of the visible emissions and the corrective action taken in a maintenance log suitable for inspection or submittal.~~

MODIFIED CONDITION

5.2.D.4 The Permittee shall install, calibrate, maintain, and operate indicators on the Scrubber C4001 (Source Code: C4001) for scrubbant flow rate in gallons per minute and differential pressure in inches of water. Data shall be recorded once per ~~8~~ 12-hour period of facility operation. At least one instantaneous reading will be taken and recorded each 12-hour shift, provided a shift has at least 4 hours of normal operation. The Permittee shall maintain the scrubbant flow rate and differential pressure on the Scrubber C4001 within the applicable parameter ranges as specified by the manufacturer or the most recently Division-approved value.
[Avoidance of 40 CFR 52.21 and 391-3-1-.02(6)(b)1]

NEW CONDITION

5.2.D.5 Within 60 days of operation but not later than 180 days of initial startup, the Permittee shall establish the scrubbant flow and pressure loss range for Scrubber C4001 for representative operation of the scrubber using data from the scrubbant and pressure loss monitoring device required by 5.2.D.4 during performance testing required by Condition 4.2.D.1. The Permittee shall submit, for acceptance by the Division, a report containing:
[391-3-.02(6)(b)1 and 40 CFR70.6(a)(3)(iii)(A)]

a. the pressure loss data, the pressure loss range which has been established as representative of scrubber operation and a description of the procedures used to establish the pressure loss range.

b. the liquid flow rate data, the flow rate range which has been established as representative of scrubber operation and a description of the procedures used to establish the flow rate range.

NEW CONDITION

5.2.D.6 The Permittee shall conduct the specified tune-up meeting the requirements of 40 CFR Subpart DDDDD for Vaporizer P480 and Vaporizer P481, as listed below:
[40 CFR 63.7540 (a) (10), (11) (12), and (13)]

a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (The Permittee may delay the burner inspection until the next scheduled unit shutdown). At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;

b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;

c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (The Permittee may delay the inspection until the next scheduled unit shutdown).;

d. Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NO_x requirement to which the unit is subject;

e. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and

f. Maintain on-site and submit, if requested by the Division, an annual report containing the information in (i) through (iii) below,

i. The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;

ii. A description of any corrective actions taken as a part of the tune-up; and

iii. The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.

g. For units with a 5 year tune-up schedule, the burner inspection may be delayed until the next scheduled unit shutdown but must be inspected at least every 72 months.

h. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.

5.2.E Specific Monitoring Requirements [UPP]

MODIFIED CONDITION

5.2.E.2 The Permittee shall monitor and maintain a log indicating the date and time that ~~bin vent~~ fabric filters C280, C281, C760, and C761 are checked and cleaned or replaced. Any failure to perform Preventive Maintenance schedule as prescribed in Condition No. 3.5.E.1 shall be reported in accordance with Condition No. 6.1.E.7 and shall be indicated in the log.
[391-3-1-.02(6)(b)1.(ii)]

MODIFIED CONDITION

5.2.E.3 The Permittee shall develop and implement a Preventative Maintenance Program for the oil mist collectors (Air Pollution Control ID Nos. C744, C756, C736, C742, C749, C752, C524, ~~and~~ C525, C7052, C7053, C7054, C7055, and C7056) and dust filter systems (Air Pollution Control ID Nos. C7004, C7005, C7006, C7012, C7013, C7014, C7070, and C7073) to assure that the provisions of condition 8.17.1 are met. The program shall be subject to review and, if necessary to assure compliance, modification by the Division. At a minimum, the following operation and maintenance checks shall be made as indicated in paragraphs a through d of this permit condition, and a record of the findings and corrective actions taken shall be kept in a maintenance log:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. The Permittee shall inspect the oil mist collectors and dust filter systems listed in this permit condition to ensure proper operation per manufacturer's specifications. The Permittee shall retain a record of such inspections including the date and time in a monthly inspection log suitable for inspection or submittal.

MODIFIED CONDITION

b. The Permittee shall replace or clean the oil mist collector media for oil mist collectors (Air Pollution Control ID Nos. C744, C756, C524, ~~and~~ C525, C7052, C7053, C7054, C7055, and C7056) per manufacturer's specifications or semiannually at a minimum, whichever is more frequent. The Permittee shall retain a record of such maintenance including the date and time in a maintenance log suitable for inspection or submittal.

MODIFIED CONDITION

c. The Permittee shall replace or clean the dust filter media for dust filter systems (Air Pollution Control ID Nos. C736, C742, C749, ~~and~~ C752, C7004, C7005, C7006, C7012, C7013, C7014, C7070, and C7073) per manufacturer's specifications or annually at a minimum, whichever is more frequent. The Permittee shall retain a record of such maintenance including the date and time in a maintenance log suitable for inspection or submittal.

d. For each source that exhibits visible emissions, the Permittee shall determine the cause of the visible emissions and correct the problem in the most expedient manner possible. The Permittee shall note the cause of the visible emissions and the corrective action taken in a maintenance log suitable for inspection or submittal.

NEW CONDITION

5.2.E.5 The Permittee shall conduct the specified tune-up meeting the requirements of 40 CFR Subpart DDDDD for Steam Generators (P7057 and P7058) and Humidifiers (P7059 – P7068), as listed below:
[40 CFR 63.7540 (a) (10), (11) (12), and (13)]

a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (The Permittee may delay the burner inspection until the next scheduled unit shutdown). At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;

b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;

c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (The Permittee may delay the inspection until the next scheduled unit shutdown).;

d. Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NO_x requirement to which the unit is subject;

e. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and

f. Maintain on-site and submit, if requested by the Division, an annual report containing the information in (i) through (iii) below,

   i. The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;

ii. A description of any corrective actions taken as a part of the tune-up; and

iii. The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.

g. For units with a 5 year tune-up schedule, the burner inspection may be delayed until the next scheduled unit shutdown but must be inspected at least every 72 months.

h. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.

5.2.G Specific Monitoring Requirements [CTC]

MODIFIED CONDITION

5.2.G.1 During each day that a flame test is conducted in Chamber P910, ~~Chamber P912, or Chamber P913,~~ the Permittee shall read and record the opacity of emissions. The observation period shall be at least six minutes during a flame test and shall be conducted in accordance with Method 9 as given in Condition 4.1.3.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

5.2.G.2 The Permittee shall install, calibrate, maintain, and operate indicators on ~~Scrubber C912 and~~ Scrubber C951 for scrubbant flow rate in gallons per minute and differential pressure of the gas stream in inches of water. Data shall be recorded at least once during each day Test Chambers P910, ~~P912, P913,~~ and/or P951 are in operation. The Permittee shall calibrate these monitoring devices at least once per calendar year.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

DELETED

5.2.G.3 ~~The Permittee shall establish a scrubbant flow rate operating range and differential pressure operating range at which to obtain the optimal Scrubber C912 and Scrubber C951 removal efficiency. The Permittee shall develop a site specific operating plan that incorporates the established scrubbant flow rate and differential pressure ranges at which Scrubber C912 and Scrubber C951 will be operated. The plan shall be made available for Division review upon request.~~
~~[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]~~

DELETED

5.2.G.4 ~~Once Cofer Operating Scenario 2 is implemented, Cofer Operating Scenario 1 and Permit Condition 5.2.G.1 become invalid.~~

DELETED

5.2.G.5 ~~*The Permittee shall conduct the specified tune-up meeting the requirements of Subpart DDDDD for Boiler P911, as listed below:*~~
~~*[40 CFR 63.7540 (a) (10), (12), and (13)]*~~

a. As applicable, inspect the burner, and clean or replace any components of the burner as necessary (The Permittee may delay the burner inspection until the next scheduled unit shutdown). At units where entry into a piece of process equipment or into a storage vessel is required to complete the tune-up inspections, inspections are required only during planned entries into the storage vessel or process equipment;

b. Inspect the flame pattern, as applicable, and adjust the burner as necessary to optimize the flame pattern. The adjustment should be consistent with the manufacturer's specifications, if available;

c. Inspect the system controlling the air-to-fuel ratio, as applicable, and ensure that it is correctly calibrated and functioning properly (The Permittee may delay the inspection until the next scheduled unit shutdown).

d. Optimize total emissions of CO. This optimization should be consistent with the manufacturer's specifications, if available, and with any NO_x requirement to which the unit is subject;

e. Measure the concentrations in the effluent stream of CO in parts per million, by volume, and oxygen in volume percent, before and after the adjustments are made (measurements may be either on a dry or wet basis, as long as it is the same basis before and after the adjustments are made). Measurements may be taken using a portable CO analyzer; and

f. Maintain on-site and submit, if requested by the Division, an annual report containing the information in (i) through (iii) below;

   i. The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;

   ii. A description of any corrective actions taken as a part of the tune-up; and

   iii. The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.

g. For units with a 5 year tune-up schedule, the burner inspection may be delayed until the next scheduled unit shutdown but must be inspected at least every 72 months.

h. If the unit is not operating on the required date for a tune-up, the tune-up must be conducted within 30 calendar days of startup.

5.2.H Specific Monitoring Requirements [CEM]

DELETED

5.2.H.1 ~~The Permittee shall monitor the emissions of Nitrogen Oxides (NO_x) from the Waukesha Engines (Source IDs. P804, P805, and P806) during the period from May 1 through September 30 each year by performing a test measurement to demonstrate that the NO_x concentrations corrected to 15 percent Oxygen (O_2) are below the applicable standard. The test measurements shall use the following procedures:~~
~~[391-3-1-.02(6)(b)1 and PTM Section 2.120]~~

a. ~~The measurements shall be performed no earlier than March 1 and no later than May 1 of each calendar year. Should an affected facility become operational during the period from May 1 to September 20, a measurement shall be performed within the first 120 hours of operation.~~

b. ~~The measurement shall be performed using the manufacturer recommended settings for reduced NO_X emissions.~~

c. ~~The Permittee shall carry out a measurement consisting of a minimum of three test measurements to demonstrate that the emissions are less than or equal to the applicable standards. East test measurement shall be a minimum of 30 minutes in length. One test measurement shall be conducted at the expected minimum engine load level for the upcoming ozone season; one test measurement shall be at the expected maximum engine load level for the upcoming ozone season; and the third test measurement shall be conducted at the engine load level that is representative of expected normal operation for the upcoming ozone season.~~

d. ~~All measurements of NO_x and O_2 concentrations shall be conducted using the procedures of the American Society for Testing and Materials (ASTM) Test Method for Determination of Nitrogen Oxides, Carbon Monoxide, and Oxygen Concentrations in Emissions from Natural Gas-Fired Reciprocating Engines, Combustion Turbines, Boilers, and Process Heaters Using Portable Analyzers ASTM D6522, or procedures of Gas Research Institute Method GRI-96-0008, EPA/EMC Conditional Test Method (CTM-30) Determination of NO_x, Carbon Monoxide (CO), and Oxygen Concentrations in Emissions from Natural Gas-Fired Reciprocating Engines, Combustion Turbines, Boilers, and Process Heaters Using Portable Analyzers, or the Procedures of EPA Reference Methods 7E and 3A.~~

e. ~~The Permittee shall maintain records of all measurements performed in accordance with this section. These records shall indicate the date and time the measurements were performed, the NO_X and O_2 values determined during the measurements, the average inlet temperature to the catalyst bed, and the pressure drop across the catalyst bed at the beginning of the measurement.~~

f. ~~Following the measurements, from the period May 1 through September 30 of each year, the Permittee shall operate the affected facility using the settings determined during the annual measurement. The Permittee shall certify that no adjustments have been made to the affected facility by the Permittee or any third party since the measurements were conducted. This certification shall be made in writing no later than October 15 of each year and shall be maintained with the records required by Condition 5.2.H.1.e.~~

DELETED

5.2.H.2 ~~The Permittee shall install, calibrate, maintain, and operate a system to continuously monitor and record the indicated parameters on the following equipment in accordance with the requirements in §63.8. Where such performance specification(s) exist, each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.~~
~~[40 CFR 63.6625(b), Table 6 of 40 CFR 63, Subpart ZZZZ, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]~~

a. ~~Catalyst inlet temperature for each of the for control devices (Air Control Device IDs: C804, C805, and C806) of each of the Waukesha Engines (Source IDs: P804, P805, and P806).~~

b. ~~Operating hours of Waukesha Engines P804, P805, and P806.~~

DELETED

5.2.H.3 ~~The continuous parameter monitoring system (CPMS) required by Permit Condition 5.2.H.2 shall do the following:~~
~~[40 CFR 63.6625(b), Table 6 of 40 CFR 63, Subpart ZZZZ, and 391-3-1-.02(6)(b)1]~~

a. ~~Reduce data to 4-hour rolling averages;~~

b. ~~Maintain the 4-hour rolling averages within the operating limitations for the catalyst inlet temperature; and~~

c. ~~Data shall be recorded each hour or portion of each hour Waukesha Engine P804, P805, or P806 is in operation. Data shall be reduced to one-hour rolling averages.~~

DELETED

5.2.H.4 ~~The Permittee shall install, calibrate, maintain, and operate monitoring devices for the measurement of the indicated parameters on the following equipment. Data shall be recorded at the frequency specified below. Where such performance specification(s) exist, each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.~~
~~[40 CFR 63.6640, Table 6 of 40 CFR 63, Subpart ZZZZ, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]~~

a. ~~Pressure drop across the catalyst for control devices (Air Pollution Control Device IDs: C804, C805, and C806) of each of the Waukesha Engines (Source IDs: P804, P805, and P806). Data shall be recorded monthly and demonstrate that the pressure drop across the catalyst is within the operating limitation established during the performance tests conducted in accordance with Permit Conditions 4.2.H.1, 4.2.H.4, and 4.2.H.5.~~

5.2.I Specific Monitoring Requirements [TAP]

DELETED

5.2.I.1 ~~The Permittee shall always operate and maintain Blade Coating P970 and associated items listed in 40 CFR 63.3882(b)(1) through (4), including all air pollution control and monitoring equipment used for purposes of complying with 40 CFR 63, Subpart MMMM, according to the provisions in 40 CFR 63.6(e)(1)(i).~~
~~[40 CFR 63.3900(b)]~~

PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS

6.1.A General Record Keeping and Reporting Requirements [MULTI]

6.1.A.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

No Changes.

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

Condition 6.1.A.7.b.i through Condition 6.1.A.7.b.iii – No Changes.

DELETED

iv. ~~Any rolling twelve month period where VOC emissions, as determined by condition 6.2.D.9, are in excess of 44 tons.~~

NEW CONDITION

v. Any rolling twelve-month period where PM_{10} emissions, as determined by Condition 6.2.A.11, are in excess of 12.5 tons.

NEW CONDITION

vi. Any rolling twelve-month period where $PM_{2.5}$ emissions, as determined by Condition 6.2.A.11 are in excess of 7.5 tons.

NEW CONDITION

vii. Any rolling twelve-month period where VOC emissions, as determined by Condition 6.2.A.7 are in excess of 71 tons.

NEW CONDITION

viii. Any rolling twelve-month period where an single HAP emissions, as determined by Condition 6.2.A.16, are in excess of 9.6 tons.

NEW CONDITION

ix. Any rolling twelve-month period where Total HAP emissions, as determined by Condition 6.2.A.16, are in excess of 24.9 tons.

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

No Changes.

6.1.B General Record Keeping and Reporting Requirements [BWP]

6.1.B.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

No Changes.

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

Condition 6.1.B.7.b.i and Condition 6.1.B.7.b.ii – No Changes.

MODIFIED CONDITION

iii. Failure to follow the filter inspection and cleaning/replacement schedule described in Condition 5.2.B.2 for bin vent filters C670, C671, C683, C684, ~~and~~ C685, C6034, and C6136 through C6141

MODIFIED CONDITION

iv. Any time any metal other than copper is processed in Drawing Machines P643, *P656*, P660, P661, P682, ~~and~~ P689, P6035, P6036, P6037, P6041, P6045, P6049, P6053, ~~and~~ P6057, P6142, P6143, P6144, P6145, P6131, and P6135.

Condition 6.1.B.7.b.v and Condition 6.1.B.7.b.vi – No Changes.

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

No Changes.

d. In addition to the excess emissions, exceedances and excursions specified above, the following should also be included with the report required in Condition 6.1.4:

No Changes.

6.1.C General Record Keeping and Reporting Requirements [MC]

6.1.C.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

No Changes.

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

Condition 6.1.B.7.c.i through Condition 6.1.B.7.b.v – No Changes.

MODIFIED CONDITION

vi. Any time the Permittee applies a coating in the Printers P361 through P380, Printers P3016 through P3026, and Printers P3040 through P3052 whose VOC content exceeds 3.5 pounds per gallon of coating, excluding water. The requirements of this paragraph only apply if the Permittee is verifying compliance with the low solvent coating technology limit in Condition 3.4.C.5 using the compliance method specified in Condition 3.4.C.6a.

MODIFIED CONDITION

vii. Any 24-hour weighted average of all coatings used in the Printers P361 through P380, Printers P3016 through P3026, and Printers P3040 through P3052 which exceeds 6.67 pounds of VOC per gallon of coating solids as applied. The requirements of this paragraph only apply if the Permittee is verifying compliance with the solids equivalent limit in Condition 3.4.C.5 using the compliance method specified in Condition 3.4.C.6b.

MODIFIED CONDITION

viii. When using the compliant material option in Condition 3.3.C.6a, any use of a coating, thinner and/or additive, or cleaning material in Printers P361 through P380, Printers P3016 through P3026, and Printers P3040 through P3052 that does not meet the emission limits in Condition 3.3.C.5.

MODIFIED CONDITION

ix. When using the emission rate without add-on control option in Condition 3.3.C.6b, any monthly 12-month rolling total HAP emission calculation for Printers P361 through P380, Printers P3016 through P3026, and Printers P3040 through P3052 that does not comply with the emission limits in Condition 3.3.C.5.

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

No Changes.

6.1.D General Record Keeping and Reporting Requirements [CRM]

6.1.D.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

No Changes.

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

MODIFIED CONDITION

i. *Any 12 consecutive month total VOC emissions from the Rod Mill Shaft Furnace (F409) and the Rod Mill Quenching and Cooling System (Q467), combined, which exceeds 73 tons. The requirements of this permit condition will become null and void per the specifications of Permit Condition 3.2.D.1*

MODIFIED CONDITION

ii. Any time any metal other than copper is processed in Drawing Machine ~~*P477* and/or~~ P3004.

DELETED

~~iii. Any 12 consecutive month total VOC emissions from the Rod Mill Shaft Furnaces (F4001 and F4002) and the Rod Mill Quenching and Cooling System (F4003), combined, which exceeds 44 tons~~

DELETED

~~iv. Any 12 consecutive month total PM/PM_{10}/$PM_{2.5}$ emissions from the Rod Mill Shaft Furnace (F4001 and F4002), which exceeds 7 tons.~~

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

Condition 6.1.D.7.c.i and Condition 6.1.D.7.b.ii – No Changes.

DELETED

~~iii. Any 8-hour scrubbant flow rate in gallons per minute and/or differential pressure in inches of water for the Scrubber C4001 (Source Code: C4001) which is not consistent with the operating range under Condition No. 5.2.D.4~~

NEW CONDITION

iv. For Scrubber C4001 any two consecutive readings of pressure loss that is outside the established range in Condition 5.2.D.5.

NEW CONDITION

v. For Scrubber C4001 any two-consecutive readings for the flow rate that is outside the established range in Condition 5.2.D.5.

d. In addition to the excess emissions, exceedances and excursions specified above, the following should also be included with the report required in Condition 6.1.4:

No Changes.

6.1.E General Record Keeping and Reporting Requirements [UPP]

6.1.E.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

No Changes.

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

MODIFIED CONDITION

i. Failure to follow the filter cleaning/replacement schedule of Condition 3.5.E.1 for ~~bin vent~~ fabric filters C280, C281, C760, and C761.

Condition 6.1.E.7.b.ii through Condition 6.1.E.7.b.xiv – No Changes.

NEW CONDITION

xv. Any rolling twelve month where total methanol emissions, as determined by Condition 6.2.A.15, are in excess of 5.5 tons from the CAMV Extrusion Lines and Curing Lines, combined, as specified in Permit Condition 3.2.E.9.

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

Condition 6.1.E.7.c.i and Condition 6.1.E.7.c.ii – No Changes.

MODIFIED CONDITION

iii. Any time that the oil mist collectors (Air Pollution Control ID Nos. C524 ~~and~~ C525, C7052, C7053, C7054, C7055, and C7056) are not operated when the drawing machines (emission unit ID Nos. P524, ~~and~~ P525, P7052, P7053, P7054, P7055, and P7056) are in operation.

Condition 6.1.E.7.c.iv – No Changes.

d. In addition to the excess emissions, exceedances and excursions specified above, the following should also be included with the report required in Condition 6.1.4:

No Changes.

6.1.G General Record Keeping and Reporting Requirements [CTC]

6.1.G.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

MODIFIED CONDITION

i. Any six-minute average opacity from Chamber P910~~,~~ ~~P912, or P913~~ is equal to or greater than twenty (20) percent.

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

MODIFIED CONDITION

i. ~~**Cofer Operating Scenario 1:**~~
Any day that more than three (3) flame tests are conducted in Chamber P910~~,~~ ~~P912, and P913 combined~~. For the purpose of this condition, a day shall be defined as the period between 12:00 midnight and the following midnight.

MODIFIED CONDITION

ii~~.~~ ~~**Cofer Operating Scenario 1:**~~
Any twelve consecutive month period during which more than 450 flame tests are conducted in Chambers P910~~,~~ ~~P912, and P913 combined~~.

DELETED

iii. ~~**Cofer Operating Scenario 1:**~~
~~Any time Chamber P910, Chamber P912, or Chamber P913 operate simultaneously.~~

DELETED

iv. ~~**Cofer Operating Scenario 2:**~~
~~Any day that more than five (5) tests are conducted in Chamber P910, any day that more than five (5) tests are conducted in Chamber P912, or any day that more than five (5) tests are conducted in Chamber P913. For the purpose of this condition, a day shall be defined as the period between 12:00 midnight and the following midnight.~~

DELETED

v. ~~**Cofer Operating Scenario 2:**~~
~~Any twelve consecutive month period during which more than 1,150 tests are conducted in Chamber P910, any twelve consecutive month period during which more than 1,150 tests are conducted in Chamber P912, or any twelve consecutive month period during which more than 1,150 tests are conducted in Chamber P913.~~

DELETED

vi. ~~Once Cofer Operating Scenario 2 is implemented, Cofer Operating Scenario 1 and Permit Conditions 6.1.G.7.b. i. through iii become invalid.~~

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

No Changes.

6.1.H General Record Keeping and Reporting Requirements [CEM]

6.1.H.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

No Changes.

b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

DELETED

i. ~~Any time formaldehyde emissions exceed the limit established by Permit Condition 3.3.H.3.~~

DELETED

ii. ~~Any time the total hours of operation of Waukesha Engine P804, P805, or P806 is more than 3,261 hours during any twelve consecutive months.~~

DELETED

iii. ~~Any required measurement of nitrogen oxides on engines with Emission unit ID No. P804, P805, or P806, that exceeds 80 parts per million, corrected to 15 percent oxygen.~~

MODIFIED CONDITION

iv. Any time the total hours of maintenance checks and readiness testing of <u>any of the</u> Engines P808, P809, P810, P811, P817, ~~or~~ P818<u>, and P824</u> is more than 100 hours during any twelve consecutive months and/or other non-emergency use exceeds 50 hours during any twelve consecutive months.

DELETED

v. ~~Any time nitrogen oxides or carbon monoxide emissions exceed the limits established by Permit Condition 3.3.H.8.~~

MODIFIED CONDITION

vi. Any time Engine 807, ~~or~~ Engine P813 <u>or Engine P824</u> each operate more than 200 hours per year.

c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

DELETED

~~i. Any 4-hour average catalyst inlet temperature of the stationary exhaust from each of the Waukesha Engines (Source IDs: P804, P805, or P806) that is less than 750 degrees Fahrenheit (°F) or greater than 1250 °F.~~

DELETED

~~ii. Any pressure drop across the catalyst, recorded in accordance with Condition 5.2.H.4, for Waukesha Engine P804, P805, or P806 that changes by more than two inches of water at 100 percent load plus or minus 10 percent from the pressure drop across the catalyst measured during the most recent performance test.~~

d. In addition to the excess emissions, exceedances and excursions specified above, the following should also be included with the report required in Condition 6.1.4:

MODIFIED CONDITION

i. The Permittee shall submit reports of hours of operation for emission units~~ P804, P805, P806, and~~ P807. The reports shall contain the 12-consecutive month total hours of operation for the applicable emission units for each of the six months in the semiannual period. A 12-consecutive month total shall be the total for a month in the reporting period plus the totals for the previous eleven consecutive months. The reports shall be prepared from the records retained in conditions 6.2.H.1. [391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

Condition 6.1.H.7.d.ii – No Changes.

DELETED

~~iii. The Permittee shall submit semiannual reports in accordance with Permit Condition 6.1.4 which shall contain all information required contained in paragraphs (c)(1) through (c)(6) of §63.6650 and Table 7 of 40 CFR 63, Subpart ZZZZ for Waukesha Engine P804, Waukesha Engine P805, and Waukesha Engine P806. In the event of any deviations from operating parameter and emission limitations, the report shall contain all information required contained in (c)(1) through (c)(7) and (e)(1) through (e)(12) of §63.6650.~~
~~[40 CFR 63.6650(b)(5), 40 CFR 63.6650(c), 40 CFR 63.6650(e), 40 CFR 63.6650(f), and Table 7 of 40 CFR 63, Subpart ZZZZ]~~

6.1.I General Record Keeping and Reporting Requirements [TAP]

DELETED

6.1.I.7 ~~For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:~~
~~[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]~~

a. ~~Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)~~

~~None required to be reported in accordance with Condition 6.1.4.~~

b. ~~Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)~~

i. ~~Any time the Permittee applies a coating in blade coating (Source Code: P970) whose VOC content exceeds 3.5 pounds per gallon of coating, excluding water. This condition only applies when the Permittee is subject to Condition 3.4.I.4a.~~

ii. ~~Any 24-hour weighted average of all coatings used in blade coating (Source Code: P970) which exceeds 6.67 pounds of VOC per gallon of coating solids as applied. This condition only applies when the Permittee is subject to Condition 3.4.I.4b.~~

iii. ~~When using the compliant material option in Condition 3.3.I.2a, any use of a coating, thinner and/or additive, or cleaning material that does not meet the emission limits in Condition 3.3.I.1.~~

iv. ~~When using the emission rate without add-on control option in Condition 3.3.I.2b, any monthly 12-month rolling total HAP emission calculation that does not comply with the emission limits in Condition 3.3.I.1.~~

c. ~~Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)~~

~~None required to be reported in accordance with Condition 6.1.4.~~

d. ~~In addition to the excess emissions, exceedances and excursions specified above, the following should also be included with the report required in Condition 6.1.4:~~

i. ~~Failure to collect and keep appropriate records as required by Conditions 6.2.I.4 and 6.2.I.5.~~

6.2.A Specific Record Keeping and Reporting Requirements [MULTI]

MODIFIED CONDITION

6.2.A.1 MC Plant, Building Wire Plant, and Utility Products Plant shall maintain monthly usage records of all materials utilized in Ink Application Systems P633, *P636*, *P639*, P642, *P646*, P647A&B, P648A&B, P651, P654, *P659*, *P664*, ~~P667~~, P668, P669, P674, *P677, P680*, P319A&B, P320A&B, ~~P321A~~, P321B, P322A&B, *P325*, P328, ~~P331~~, P335, P338-P345, P348, P351, P737, P743, P746, P747, P750, ~~and~~ P753 through P755, P3003, P3016 through P3026, P6003, P6006, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052, P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019, P7020, P3040 through P3052, P6061, P6064, P6067, P6070, P6073, P6076, P6079, P6082, P6085, P6088, P6091, P6094, P6097, P6100, P6103, P6106, P6109, P6112, P6115, P6118, P6121, P6124, P6127, P6130, P6134, P6146, P6147, P7029 through P7051, P7071, and P7074.; and Ink Wash Station P655 containing VOC. These records shall include the total weight of each material used, the weighed or calculated amount of waste material disposed, and the calculated amount of VOC contained in each material or waste (expressed as a weight percentage, or in lbs/gal).
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

6.2.A.3 MC Plant, Building Wire Plant, and Utility Products Plant, ~~and Copper Rod Mill~~ shall maintain records of monthly rod input for Drawing Machines ~~P477, P478,~~ P643, *P656*, P660, P661, P681, P682, P689, ~~P332~~, *P744*, ~~and~~ P756, P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, P6135, P7052, P7053, P7054, P7055, and P7056
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

6.2.A.4 MC Plant, Building Wire Plant, and Utility Products Plant, ~~and Copper Rod Mill~~ shall calculate the monthly VOC emissions from Drawing Machines ~~P477, P478~~, P643, *P656*, P660, P661, P681, P682, P689, ~~P332~~, *P744*, ~~and~~ P756, P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, P6135, P7052, P7053, P7054, P7055, and P7056 using the throughput records maintained in accordance with Condition 6.2.A.3 and the following emissions factors or the most recent emission factors approved by the Division:
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

a. Drawing Machine VOC Emissions = 0.03944 lb/ton input

MODIFIED CONDITION

6.2.A.5 MC Plant, Building Wire Plant, and Utility Products Plant shall maintain records of monthly plastic throughput for Extruders ~~P258 (stripe extruder only)~~, P631, *P634*, *P637*, P640, *P644*, P649, P652, *P657*, *P662*, ~~P665~~, P672, *P675*, *P678*, *P323*, P326, ~~P329~~, P333, P336, P346, P349, P735, P741, P748, ~~and~~ P751, P3001, P6001, P6004, P6007, P6010, P6013, P6016, P6019, P6022, P6025, P6028, P6029, P6030, P6031, P6032, P6033, P6038, P6042, P6046, P6050, P6054, P7001, P7002, P7003, P7009, P7010, P7011, P6059, P6062, P6065, P6068, P6071, P6074, P6077, P6080, P6083, P6086, P6089, P6092, P6095, P6098, P6101, P6104, P6107, P6110, P6113, P6116, P6119, P6122, P6125, P6128, P6132, P7069, P7072
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

6.2.A.6 MC Plant, Building Wire Plant, and Utility Products Plant shall calculate the monthly VOC emissions from Extruders ~~P258 (stripe extruder only),~~ P631, *P634*, *P637*, P640, *P644*, P649, P652, *P657*, *P662*, ~~P665~~, P672, *P675*, *P678*, *P323*, P326, ~~P329~~, P333, P336, P346, P349, P735, P741, P748, ~~and~~ P751, P3001, P6001, P6004, P6007, P6010, P6013, P6016, P6019, P6022, P6025, P6028, P6029, P6030, P6031, P6032, P6033, P6038, P6042, P6046, P6050, P6054, P7001, P7002, P7003, P7009, P7010, P7011, P6059, P6062, P6065, P6068, P6071, P6074, P6077, P6080, P6083, P6086, P6089, P6092, P6095, P6098, P6101, P6104, P6107, P6110, P6113, P6116, P6119, P6122, P6125, P6128, P6132, P7069, and P7072 using the throughput records maintained in accordance with Condition 6.2.A.5 and the following emissions factors or the most recent emission factors approved by the Division:
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

a. Moisture-Cured XLPE Extrusion VOC Emissions = 0.348 lb/ton plastic

b. Polyvinyl Chloride (PVC), Nylon, and Polyethylene Extrusion (PE) VOC Emissions = 0.0995 lb/ton plastic

MODIFIED CONDITION

6.2.A.7 MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill shall use the calculations required by Conditions 6.2.A.2, 6.2.A.4, 6.2.A.6, ~~6.2.D.5,~~ and 6.2.E.27 and the potential emissions from Annealing Furnace P721, Flame Burners P723-P734, ~~Vertirod F476 natural gas combustion,~~ and the CTC Extruder to determine the twelve-month rolling total of VOC emissions from the following emission units for each calendar year:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

Emission Unit	Permit IDs
Drawing Machines	~~P477~~, ~~P478~~, P643, *P656*, P660, P661, P681, P682, ~~P332~~, *P744*, ~~and~~ P756, P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, P6135, P7052, P7053, P7054, P7055, and P7056
Plastic Extrusion Line	~~P258 (stripe extruder only),~~ P631, *P634, P637*, P640, *P644*, P649, P652, *P657, P662*, ~~P665~~, P672, *P675, P678, P323*, P326, ~~P329~~, P333, P336, P346, P349, P735, P741, P748, ~~and~~ P751, P3001, P6001, P6004, P6007, P6010, P6013, P6016, P6019, P6022, P6025, P6028, P6029, P6030, P6031, P6032, P6033, P6038, P6042, P6046, P6050, P6054, P7001, P7002, P7003, P7009, P7010, P7011, P6059, P6062, P6065, P6068, P6071, P6074, P6077, P6080, P6083, P6086, P6089, P6092, P6095, P6098, P6101, P6104, P6107, P6110, P6113, P6116, P6119, P6122, P6125, P6128, P6132, P7069, and P7072.
Ink Application System	P348, P351, P633, *P636, P639*, P642, *P646*, P647A&B, 648A&B, P651, P654, *P659*, *P664*, ~~P667~~, P668, P669, P674, *P677*, *P680*, P319A&B, P320A&B, ~~P321A,~~ P321B, P322A&B, *P325*, P328, ~~P331~~, P335, P338-P345, P737, P743, P746, P747, P750, P753-P755, P3003, P3016 – P3026, P6003, P6006, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052,

	P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019 P7020, P3040 - P3052, P6061, P6064, P6067, P6070, P6073, P6076, P6079, P6082, P6085, P6088, P6091, P6094, P6097, P6100, P6103, P6106, P6109, P6112, P6115, P6118, P6121, P6124, P6127, P6130, P6134, P6146, P6147, P7029 – P7051, P7071, and P7074
~~Vertirod~~	~~F476~~
Ink Wash Station	P655
Annealing Furnace	P721
Flame Burners	P723-P734
CTC Extruder	P909
Curing Ovens	CS15 – CS24
Rod Mill	F4001, F4002, F4003

MODIFIED CONDITION

6.2.A.8 MC Plant, Building Wire Plant, and Utility Products Plant, ~~and Copper Rod Mill~~ shall calculate the monthly PM_{10} and $PM_{2.5}$ emissions from Drawing Machines ~~P477~~, ~~P478~~, P681, *P744*, P756, P643, *P656*, P660, P661, ~~and~~ P682, ~~and~~ ~~P332~~, P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, P6135, P7052, P7053, P7054, P7055, and P7056 using the throughput records maintained in accordance with Condition 6.2.A.3 and the following emissions factors or the most recent emission factors approved by the Division:
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

a. Drawing Machine PM_{10} Emissions = 0.02148 lb/ton input

b. Drawing Machine $PM_{2.5}$ Emissions = 0.02148 lb/ton input

MODIFIED CONDITION

6.2.A.9 MC Plant, Building Wire Plant, and Utility Products Plant shall maintain records of monthly material throughput for Pellet Hoppers P632, *P635, P638*, P641, *P645*, P650, P653, *P658*, *P663*, ~~P666~~, P673, *P676, P679, P324*, P327, ~~P330~~, P334, P337, P347, P350, P736, P742, P749, ~~and~~ P752, P3002, P6002, P6005, P6008, P6011, P6014, P6017, P6020, P6023, P6026, P6039, P6043, P6047, P6051, P6055, P7004, P7005, P7006, P7012, P7013, P7014, P6060, P6063, P6066, P6069, P6072, P6075, P6078, P6081, P6084, P6087, P6090, P6093, P6096, P6099, P6102, P6105, P6108, P6111, P6114, P6117, P6120, P6123, P6126, P6129, P6133, P7070, P7073, P6148, P6149, P6150, P6151, P6152, and P6153. For recordkeeping purposes, Pellet Hopper throughput is equal to Plastic Extrusion Line throughput.
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

6.2.A.10 MC Plant, Building Wire Plant, and Utility Products Plant shall calculate the monthly PM_{10} and $PM_{2.5}$ emissions from Pellet Hoppers P632, *P635, P638*, P641, *P645*, P650, P653, *P658*, *P663*, ~~P666,~~ P673, *P676, P679, P324*, P327, ~~P330~~, P334, P337, P347, P350, P736, P742, P749, ~~and~~ P752, P3002, P6002, P6005, P6008, P6011, P6014, P6017, P6020, P6023, P6026, P6039, P6043, P6047, P6051, P6055, P7004, P7005, P7006, P7012, P7013, P7014, P6060, P6063, P6066, P6069, P6072, P6075, P6078, P6081, P6084, P6087, P6090, P6093, P6096, P6099, P6102, P6105, P6108, P6111, P6114, P6117, P6120, P6123, P6126, P6129, P6133, P7070, P7073, P6148, P6149, P6150, P6151, P6152, and P6153 using the throughput records maintained in accordance with Condition 6.2.A.9 and the following emissions factors or the most recent emission factors approved by the Division:
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

a. Pellet Hoppers PM_{10} Emissions = 0.033 lb/ton input

b. Pellet Hoppers $PM_{2.5}$ Emissions = 0.033 lb/ton input

MODIFIED CONDITION

6.2.A.11 MC Plant, Building Wire Plant, Utility Products Plant, and Copper Rod Mill shall use the calculations required by Conditions 6.2.A.8, 6.2.A.10, 6.2.B.8, ~~and~~ 6.2.D.6, 6.2.D.14 and 6.2.D.15 and the potential emissions from Annealing Furnace P721, Flame Burners P723-P734, ~~Vertirod F476 natural gas combustion~~, *Bucket Elevator BE1*, *Cooling Tower CT1, Cooling Tower CT2,* MC Armoring Lines MC1 through MC75, and the CTC Extruder to determine the twelve-month rolling total of PM_{10} and $PM_{2.5}$ emissions from the following emission units:
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

Emission Unit	Permit IDs
Drawing Machines	~~P477~~, ~~P478~~, P643, *P656*, P660, P661, P681, P682, ~~P332~~, *P744*, ~~and~~ P756, P3004, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, P6135, P7052, P7053, P7054, P7055, and P7056
Pellet Hoppers	P632, *P635*, *P638*, P641, *P645*, P650, P653, *P658*, *P663*, ~~P666~~, P673, *P676*, *P679*, *P324*, P327, ~~P330~~, P334, P337, P347, P350, P736, P742, P749, ~~and~~ P752, P3002, P6002, P6005, P6008, P6011, P6014, P6017, P6020, P6023, P6026, P6039, P6043, P6047, P6051, P6055, P7004, P7005, P7006, P7012, P7013, P7014, P6060, P6063, P6066, P6069, P6072, P6075, P6078, P6081, P6084, P6087, P6090, P6093, P6096, P6099, P6102, P6105, P6108, P6111, P6114, P6117, P6120, P6123, P6126, P6129, P6133, P7070, P7073, P6148, P6149, P6150, P6151, P6152, and P6153.
Storage Silo	P670, P671, P683, P684, ~~and~~ P685, P6034, P6136, P6137, P6138, P6139, P6140, and P6141
Annealing Furnace	P721
Flame Burners	P723-P734
~~Vertirod~~	~~F476~~
Bucket Elevator	*BE1*
Cooling Tower	*CT1 and CT2*

Emission Unit	Permit IDs
MC Armoring Lines	MC1 through MC75
CTC Extruder	P909
Rod Mill	F4001, F4002, F4003

MODIFIED CONDITION

6.2.A.12 The Permittee shall provide a list of any applicable equipment as specified in Application Number 556038 and Application Number 632967 that has been removed during the reporting period as part of the semiannual report required by Permit Condition 6.1.4.
[391-3-1-.02(6)(b)1. and 391-3-1-.03(2)(c)]

MODIFIED CONDITION

6.2.A.13 The Permittee shall provide a list of any applicable equipment as specified in Application Number 556038 and Application Number 632967 that has been constructed during the reporting period as part of semiannual report required by Permit Condition 6.1.4.
[391-3-1-.02(6)(b)1. and 391-3-1-.03(2)(c)]

NEW CONDITION

6.2.A.14 MC Plant, Building Wire Plant and Utility Products Plant shall maintain monthly usage records of all materials utilized in Ink Application Systems P3003, P3016 – P3026, P6003, P6006, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052, P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019, P7020, P3040 through P3052, P6061, P6064, P6067, P6070, P6073, P6076, P6079, P6082, P6085, P6088, P6091, P6094, P6097, P6100, P6103, P6106, P6109, P6112, P6115, P6118, P6121, P6124, P6127, P6130, P6134, P6146, P6147, P7029 through P7051, P7071, and P7074 containing HAP. These records shall include the total weight of each material used, the weighed or calculated amount of waste material disposed, and the calculated amount of HAP contained in each material or waste (expressed as a weight percentage, or in lbs/gal).
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

NEW CONDITION

6.2.A.15 MC Plant, Building Wire Plant and Utility Products Plant shall calculate the monthly individual HAP emissions from CAMV Extrusion P7001, P7002, P7003, P7009, P7010, P7011, P7069, and P7072, Curing Ovens CS15 through CS24, and Ink Application Systems P3003, P3016 – P3026, P6003, P6006, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052, P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019, P7020, P3040 through P3052, P6061, P6064, P6067, P6070, P6073, P6076, P6079, P6082, P6085, P6088, P6091, P6094, P6097, P6100, P6103, P6106, P6109, P6112, P6115, P6118, P6121, P6124, P6127, P6130, P6134, P6146, P6147, P7029 through P7051, P7071, and P7074 using the throughput records or monthly usages maintained in accordance with Condition 6.2.A.1, 6.2.A.5, 6.2.A.14 and 6.2.E.31 and the following emissions factors or methodology or the most recent emission factors approved by the Division from performance testing:
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

a. CAMV Extrusion Acetophenone Emissions = 0.0097 lb/ton insulation on CAMV Extrusion Lines P7001, P7002, P7003, P7009, P7010, P7011, P7069, and P7072

b. CAMV Extrusion Cumene Emissions = 0.00175 lb/ton insulation on CAMV Extrusion Lines P7001, P7002, P7003, P7009, P7010, P7011, P7069, and P7072

c. CAMV Extrusion Methanol Emissions = 0.376 lb/ton insulation on CAMV Extrusion Lines P7001, P7002, P7003, P7009, P7010, P7011, P7069, and P7072)

d. Curing Methanol Emissions = 1.05 lb/ton Moisture-Cured XLPE on Curing Ovens CS15 through CS24)

e. Methyl Isobutyl Ketone (lbs) = [material used (lbs) * (%weight HAP) – [Containerized Waste (lbs) * Weighted Average HAP Content of Ink & Solvents] for all Ink Application Systems listed in this condition.

NEW CONDITION

6.2.A.16 The Permittee shall use the calculations required by Condition 6.2.A.15 to determine the twelve-month rolling total of individual and combined HAP emissions from CAMV Extrusion Lines P7001, P7002, P7003, P7009, P7010, P7011, P7069, and P7072, Curing Ovens CS15 through CS24, and Ink Application Systems P3003, P3016 – P3026, P6003, P6006, P6009, P6012, P6015, P6018, P6021, P6024, P6027, P6040, P6044, P6048, P6052, P6056, P7007, P7008, P7015, P7016, P7017, P7018, P7019, P7020, P3040 through P3052, P6061, P6064, P6067, P6070, P6073, P6076, P6079, P6082, P6085, P6088, P6091, P6094, P6097, P6100, P6103, P6106, P6109, P6112, P6115, P6118, P6121, P6124, P6127, P6130, P6134, P6146, P6147, P7029 through P7051, P7071, and P7074 for each calendar month.
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

6.2.B Specific Record Keeping and Reporting Requirements [BWP]

MODIFIED CONDITION

6.2.B.7 Building Wire Plant shall maintain records of monthly material throughput for Storage Silos P670, P671, P683, P684, ~~and~~ P685, P6034 and P6136 through P6141.
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

6.2.B.8 Building Wire Plant shall calculate the monthly PM_{10} and $PM_{2.5}$ emissions from Storage Silos P670, P671, P683, P684, ~~and~~ P685, P6034 and P6136 through P6141 using the throughput records maintained in accordance with Condition 6.2.B.7 and the following emissions factors or the most recent emission factors approved by the Division:
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

a. Storage Silos PM_{10} Emissions = 0.08 lb/ton input

b. Storage Silos $PM_{2.5}$ Emissions = 0.08 lb/ton input

MODIFIED CONDITION

6.2.B.9 Building Wire Plant shall maintain monthly records of the name and quantity of each lubricant used on Drawing Machines P643, *P656*, P660, P661, ~~and~~ P682, P6035, P6036, P6037, P6041, P6045, P6049, P6053, P6057, P6142, P6143, P6144, P6145, P6131, and P6135. Building Wire shall maintain material safety data sheets for each lubricant used. Records required by this permit condition shall be maintained in a suitable form and available for inspection and/or submittal upon Division request.
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

6.2.C Specific Record Keeping and Reporting Requirements [MC]

DELETED

6.2.C.8 ~~MC Plant shall maintain monthly records of the name and quantity of each lubricant used on Drawing Machine P332. MC Plant shall maintain material safety data sheets for each lubricant used. Records required by this permit condition shall be maintained in a suitable form and available for inspection and/or submittal upon Division request.~~
~~[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]~~

MODIFIED CONDITION

6.2.C.12 The Permittee shall maintain records (and supporting calculations) specifying the VOC content of each coating material utilized in the Printers P361 through P380, Printers P3016 through P3026, and Printers P3040 through P3052 expressed in pounds of VOC per gallon of coating, excluding water, delivered to the coating applicator. For purposes of this condition, the VOC content can be from the applicable material safety data sheets, from testing on each and every applicable coating with the appropriate EPA Reference Test methods, or through a mass balance approach-utilizing records of the VOC content of components and formulation of coatings applied by said printers. The requirements of this paragraph only apply if the Permittee is verifying compliance with the low solvent coating technology limit in Condition 3.4.C.5 using the compliance method specified in Condition 3.4.C.6a.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

6.2.C.13 If the Permittee shall maintain records (and supporting calculations) specifying the twenty- four hour weighted average of all coatings used in the Printers P361 through P380, Printers P3016 through P3026, and Printers P3040 through P3052 expressed in pounds of VOC per gallon of coating solids delivered to the coating applicator. For purposes of this condition, the VOC content can be from the applicable material safety data sheets, from testing on each and every applicable coating with the appropriate EPA Reference Test methods, or through a mass balance approach-utilizing records of the VOC content of components and formulation of coatings applied by said printers. The requirements of this paragraph only apply if the Permittee is verifying compliance with the solids equivalent limit in Condition 3.4.C.5 using the compliance method specified in Condition 3.4.C.6b.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

6.2.C.14 The Permittee shall prepare and submit a compliance report for Printers P361 through P380, Printers 3016 through P3026, and Printers P3040 through P3052 and associated items listed in 40 CFR 63.3882(b)(1) through (4) in accordance with the compliance report schedule established by Permit Condition 6.1.4. The information reported for each of the months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation. The compliance report must include general information as specified in this permit condition.
[40 CFR 63.3920(a)]

a. Company name and address.

b. Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.

c. Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.

d. Identification of the compliance option or options specified in 40 CFR 63.3891 that was used on each coating operation during the reporting period. If compliance options were switched between during the reporting period, the Permittee must report the beginning and ending dates for each option used.

e. If the Permittee used the emission rate without add-on controls compliance option (40 CFR 63.3891(b)), the calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period.

f. If the predominant activity alternative (40 CFR 63.3890(c)(1)) was used, the Permittee must include the annual determination of predominant activity if it was not included in the previous semi-annual compliance report.

g. If the facility-specific emission limit alternative (40 CFR 63.3890(c)(2)) was used, the Permittee must include the calculation of the facility-specific emission limit for each 12-month compliance period during the 6-month reporting period.

h. If there were no deviations from the emission limitations in 40 CFR 63.3890, the semiannual compliance report must include a statement that there were no deviations from the emission limitations during the reporting period.

i. If the Permittee used the compliant material option and there was a deviation from the applicable organic HAP content requirements in 40 CFR 63.3890, the semiannual compliance report must contain the following information.

   i. Identification of each coating used that deviated from the applicable emission limit, and each thinner and/or other additive, and cleaning material used that contained organic HAP, and the dates and time periods each was used.

ii. The calculation of the organic HAP content (using Equation 2 of 40 CFR 63.3941) for each coating identified in paragraph 40 CFR 63.3920(a)(5)(i). Submittal of background data supporting this calculation (e.g., information provided by coating suppliers or manufacturers, or test reports) is not needed.

iii. The determination of mass fraction of organic HAP for each thinner and/or other additive, and cleaning material identified in 40 CFR 63.3920(a)(5)(i). Submittal of background data supporting this calculation (e.g., information provided by material suppliers or manufacturers, or test reports) is not needed.

iv. A statement of the cause of each deviation.

j. If the Permittee used the emission rate without add-on controls option and there was a deviation from the applicable emission limit in 40 CFR 63.3890, the semiannual compliance report must contain the following information.

i. The beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limit in 40 CFR 63.3890.

ii. The calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. The Permittee must submit the calculations for Equations 1, 1A through 1C, 2, and 3 of 40 CFR 63.3951; and if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4). Submittal of background data supporting these calculations (e.g., information provided by materials suppliers or manufacturers, or test reports) is not needed.

ii. A statement of the cause of each deviation.

MODIFIED CONDITION

6.2.C.15 The Permittee must collect and keep records of data and information for Printers P361 through P380, Printers P3016 through P3026, and Printers P3040 through P3052 and associated items listed in 40 CFR 63.3882(b)(1) through (4). as specified in 40 CFR 63.3930. Failure to collect and keep such records is a deviation of the applicable standard. The following records shall be maintained.
[40 CFR 63.3930]

a. A copy of each notification and report that was submitted to comply with 40 CFR 63, Subpart MMMM, and the documentation supporting each notification and report. If the Permittee is using the predominant activity alternative under 40 CFR 63.3890(c), the Permittee must keep records of the data and calculations used to determine the predominant activity. If the Permittee is using the facility-specific emission limit alternative under 40 CFR 63.3890(c), the Permittee must keep records of the data used to calculate the facility specific emission limit for the initial compliance demonstration. The Permittee must also keep records of any data used in each annual predominant activity determination and in the calculation of the facility-specific emission limit for each 12-month compliance period included in the semi-annual compliance reports.

b. A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating. If the Permittee conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, a copy of the complete test report must be kept. If the Permittee uses information provided by the manufacturer or supplier of the material that was based on testing, the summary sheet of results provided by the manufacturer or supplier must be kept. The Permittee is not required to obtain the test report or other supporting documentation from the manufacturer or supplier.

c. For each compliance period, the following records are required:

   i. A record of the coating operations on which the Permittee used each compliance option and the time periods (beginning and ending dates and times) for each option used.

   ii. For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of 40 CFR 63.3941.

   iii. For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1, 1A through 1C, and 2 of 40 CFR 63.3951; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4); the calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR 63.3951; and the calculation of each 12- month organic HAP emission rate using Equation 3 of 40 CFR 63.3951.

d. A record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. If using the compliant material option for all coatings at the source, the Permittee may maintain purchase records for each material used rather than a record of the volume used.

e. A record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period unless the material is tracked by weight.

f. A record of the volume fraction of coating solids for each coating used during each compliance period.

g. If using the emission rate without add-on controls compliance option, the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period.

h. If the Permittee uses an allowance in Equation 1 of 40 CFR 63.3951 for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF) according to 40 CFR 63.3951(e)(4), records of the information as specified below must be kept.

i. The name and address of each TSDF to which the Permittee sent waste materials for which the Permittee shall use an allowance in Equation 1 of 40 CFR 63.3951; a statement of which subparts under 40 CFR 262, 264, 265, and 266 apply to the facility; and the date of each shipment.

ii. Identification of the coating operations producing waste materials included in each shipment and the month or months in which the Permittee used the allowance for these materials in Equation 1 of 40 CFR 63.3951.

iii. The methodology used in accordance with 40 CFR 63.3951(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This must include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.

i. The Permittee shall keep records of the date, time, and duration of each deviation.

MODIFIED CONDITION

6.2.C.16 For P361 through P380, <u>P3016 through P3026, and P3040 through P3052</u> the Permittee shall keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. As specified in 40 CFR 63.10(b)(1), the Permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The Permittee must keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record according to 40 CFR 63.10(b)(1). The Permittee may keep the records off-site for the remaining 3 years. [40 CFR 63.3931]

6.2.D Specific Record Keeping and Reporting Requirements [CRM]

DELETED

6.2.D.4 ~~Copper Rod Mill shall maintain monthly records of following parameters for Vertirod F476. [391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]~~

a. ~~Charcoal/Graphite Usage in tons per month~~

DELETED

6.2.D.5 ~~Copper Rod Mill shall calculate the monthly VOC emissions from Vertirod F476 charcoal/graphite usage using the throughput records maintained in accordance with Condition 6.2.D.4 and the following emissions factor or the most recent emission factor approved by the Division:~~
~~[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]~~

a. ~~Vertirod Charcoal/Graphite Usage VOC Emissions = 10 lb/ton input~~

DELETED

6.2.D.6 ~~Copper Rod Mill shall calculate the monthly PM_{10} and $PM_{2.5}$ emissions from Vertirod F476 charcoal/graphite usage using the throughput records maintained in accordance with Condition 6.2.D.4 and the following emissions factor or the most recent emission factor approved by the Division:~~
~~[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]~~

a. ~~Vertirod Charcoal/Graphite Usage PM_{10} Emissions = 66 lb/ton input~~

b. ~~Vertirod Charcoal/Graphite Usage $PM_{2.5}$ Emissions = 66 lb/ton input~~

DELETED

6.2.D.7 ~~Copper Rod Mill shall maintain monthly records of the name and quantity of each lubricant used on Drawing Machine P477. Copper Rod Mill shall maintain material safety data sheets for each lubricant used. Records required by this permit condition shall be maintained in a suitable form and available for inspection and/or submittal upon Division request.~~
~~[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]~~

NEW CONDITION

6.2.D.11 The Permittee shall maintain monthly records of the copper charged in the Rod Mill Shaft Furnaces (F4001 and/or F4002). Records shall be in terms of tons of copper charged per month. These records shall be kept available for inspection by or submittal to the Division for five years from the date of record.
[391-3-1-.02(6)(b)1]

NEW CONDITION

6.2.D.12 The Permittee shall use the copper usage records required by Permit Condition 6.2.D.11 and the following equation to calculate the monthly PM_{10} from Rod Mill Shaft Furnaces (F4001 and/or F4002). All calculations shall be kept as part of the monthly record. These records shall be kept available for inspection by or submittal to the Division for five years from the date of record.
[391-3-1-.02(6)(b)1]

PM_{10} = (Rod Mill Copper Charge * PM_{10} Emission Factor) / (2000 lb/ton)

Where,

PM_{10} = Monthly PM_{10} emissions in terms of tons of PM_{10} emissions per month

Rod Mill Copper Charge = the monthly total of copper charged in Rod Mill Shaft Furnace F4001 and/or Rod Mill Shaft Furnace F4002 in terms of tons per month

PM_{10} Emission Factor = Division Approved PM_{10} Emission Factor in terms of pounds per ton of copper charged in Rod Mill Shaft Furnace F4001 and/or Rod Mill Shaft Furnace F4002 established through performance testing required by Permit Condition 4.2.D.1

NEW CONDITION

6.2.D.13 The Permittee shall use the records required by Condition 6.2.D.12 to determine the twelve consecutive month total of PM_{10} emissions (in tons) from each Rod Mill Shaft Furnace (F4001 and/or F4002) on a monthly basis. A twelve consecutive month total shall be the total for the month in question plus the totals for the previous eleven months.
[Avoidance of PSD – 40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

NEW CONDITION

6.2.D.14 The Permittee shall use the copper usage records required by Permit Condition 6.2.D.11 and the following equation to calculate the monthly $PM_{2.5}$ from the Rod Mill Shaft Furnaces (F4001 and/or F4002). All calculations shall be kept as part of the monthly record. These records shall be kept available for inspection by or submittal to the Division for five years from the date of record.
[391-3-1-.02(6)(b)1]

$PM_{2.5}$ = (Rod Mill Copper Charge * $PM_{2.5}$ Emission Factor) / (2000 lb/ton)

Where,
$PM_{2.5}$ = Monthly $PM_{2.5}$ emissions in terms of tons of $PM_{2.5}$ emissions per month

Rod Mill Copper Charge = the monthly total of copper charged in Rod Mill Shaft Furnace F4001 and/or Rod Mill Shaft Furnace F4002 in terms of tons per month

$P_{2.5}$ Emission Factor = Division Approved $PM_{2.5}$ Emission Factor in terms of pounds per ton of copper charged in Rod Mill Shaft Furnace F4001 and/or Rod Mill Shaft Furnace F4002 established through performance testing required by Permit Condition 4.2.D.1

NEW CONDITION

6.2.D.15 The Permittee shall use the records required by Condition 6.2.D.14 to determine the twelve consecutive month total of $PM_{2.5}$ emissions (in tons) from each Rod Mill Shaft Furnace (F4001 and/or F4002) on a monthly basis. A twelve consecutive month total shall be the total for the month in question plus the totals for the previous eleven months.
[Avoidance of PSD – 40 CFR 52.21, 391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

NEW CONDITION

6.2.D.16 The Permittee shall maintain the following records on-site for each tune-up for Vaporizers P480 and P481 and submit, if requested by the Director, an annual (or other period) report containing the following information:
[40 CFR 63.7540(a)(10)(vi)]

a. The unit and date of the tune-up.

b. The CO concentration, ppmv, and O_2 % in the effluent stream measured at high firing rate or typical operating load before and after the tune-up of the boiler.

c. A description of any corrective actions taken as part of the tune-up.

NEW CONDITION

6.2.D.17 Periodic compliance reports are required for Vaporizers P480 and P481. The compliance reports are due as follows:
[40 CFR 63.7550 (b) and (c), Table 9 to Subpart DDDDD]

a. For compliance reports:
[40 CFR 63.7550(b)(3),(4)]

i. Semi-annual reports shall cover the reporting period from January 1 through June 30 or from July 1 through December 31 and be postmarked no later than August 29 or February 28, whichever is the first date following the end of the semiannual reporting period.

ii. Five-year reports, including the reports required by tune-up requirements, per Condition 3.3.D.3, shall cover the corresponding applicable reporting period from January 1 through December 31, and be postmarked no later than January 31 following the end of the reporting period.

b. In lieu of the compliance schedule included in Permit Condition 6.2.D.17.a, the Permittee may submit the required compliance report according to the reporting schedule as specified in Permit Condition 6.1.4.
[40 CFR 63.7550(b)(5)]

6.2.E Specific Record Keeping and Reporting Requirements [UPP]

MODIFIED CONDITION

6.2.E.27 Utility Products Plant shall calculate the monthly VOC emissions from curing moisture- cured plastic extruded on Extrusion Lines P735, P741, P748, ~~or~~ and P751 and Curing Ovens CS15 through CS24 using the throughput records maintained in accordance with Condition 6.2.E.26, Condition 6.2.E.31 and the following emissions factors or the most recent emission factors approved by the Division:
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

a. Curing VOC Emissions = 1.15 lb/ton Moisture-Cured XLPE

NEW CONDITION

6.2.E.31 The Permittee shall maintain records of monthly moisture-cured XLPE throughput for XLPE Curing Ovens CS15 through CS24.
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

NEW CONDITION

6.2.E.32 The Permittee shall maintain the following records on-site for each tune-up for Steam Generators P7057 and P058 and Humidifiers P7059 through P7068 and submit, if requested by the Director, an annual (or other period) report containing the following information:
[40 CFR 63.7540(a)(10)(vi)]

a. The unit and date of the tune-up.

b. The CO concentration, ppmv, and O_2 % in the effluent stream measured at high firing rate or typical operating load before and after the tune-up of the boiler.

c. A description of any corrective actions taken as part of the tune-up.

NEW CONDITION

6.2.E.33 Periodic compliance reports are required for Steam Generators P7057 and P7058 or Humidifiers P7059 through P7068. The compliance reports are due as follows:
[40 CFR 63.7550 (b) and (c), Table 9 to Subpart DDDDD]

a. For compliance reports:
[40 CFR 63.7550(b)(3),(4)]

i. Semi-annual reports shall cover the reporting period from January 1 through June 30 or from July 1 through December 31 and be postmarked no later than August 29 or February 28, whichever is the first date following the end of the semiannual reporting period.

ii. Biannual and Five-year reports, including the reports required by tune-up requirements, per Condition 3.3.E.8 and Condition 3.3.E.9 respectively, shall cover the corresponding applicable reporting period from January 1 through December 31, and be postmarked no later than January 31 following the end of the reporting period.

b. In lieu of the compliance schedule included in Permit Condition 6.2.E.33.a, the Permittee may submit the required compliance report according to the reporting schedule as specified in Permit Condition 6.1.4.
[40 CFR 63.7550(b)(5)]

6.2.G Specific Record Keeping and Reporting Requirements [CTC]

MODIFIED CONDITION

6.2.G.1 The Permittee shall maintain records of the date of all flame tests conducted in Chambers P910, ~~P912 and P913~~.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

MODIFIED CONDITION

6.2.G.2 The Permittee shall use the records required by Condition 6.2.G.1 to determine and record the twelve month rolling total of flame tests for each month for Chambers P910, ~~P912, and P913~~ in the reporting period. Each 12 month rolling total for each month during the reporting period shall be included in the semiannual report specified in Condition 6.1.4.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

DELETED

6.2.G.5 ~~The Permittee shall submit notification to the Division within thirty (30) days of the construction and startup of Scrubber C912 and the implementation of Cofer Operating Scenario 2.~~
~~[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]~~

DELETED

~~6.2.G.6 The Permittee shall maintain the following records on-site for each tune-up for Boiler P911 conducted per Condition 5.2.G.5 and submit, if requested by the Director, an annual (or other period) report containing the following information:~~
~~[40 CFR 63.7540(a)(10)(vi)]~~

a. *~~The unit and date of the tune-up.~~*

b. *~~The CO concentration, ppmv, and O_2% in the effluent stream measured at high firing rate or typical operating load before and after the tune-up of the boiler.~~*

c. *~~A description of any corrective actions taken as part of the tune-up.~~*

DELETED

6.2.G.7 *~~Periodic compliance reports are required for Boiler P911. The compliance reports are due as follows:~~*
~~[40 CFR 63.7550 (b) and (c), Table 9 to Subpart DDDDD]~~

a. *~~For compliance reports: [40CFR 63.7550(b)(3),(4)]~~*

i. *~~Semi-annual reports shall cover the reporting period from January 1 through June 30 or from July 1 through December 31 and be postmarked no later than August 29 or February 28, whichever is the first date following the end of the semi- annual reporting period.~~*

ii. *~~Five-year reports, including the reports required by tune-up requirements, per Condition 3.3.G.3, shall cover the corresponding applicable reporting period from January 1 through December 31, and be postmarked no later than February 28 following the end of the reporting period.~~*

b. *~~In lieu of the compliance schedule included in Permit Condition 6.2.G.7 a., the Permittee may submit the required compliance report according to the reporting schedule as specified in Permit Condition 6.1.4.~~*
~~[40 CFR 63.7550(b)(5)]~~

6.2.H Specific Record Keeping and Reporting Requirements [CEM]

MODIFIED CONDITION

6.2.H.1 The Permittee shall maintain the following monthly records:
[391-3-1-.03(10)(d)1(i), 40 CFR 60.4245, and 40 CFR 70.6(a)(3)(II)(B)]

a. ~~Monthly hours of operation of Waukesha Engine P804.~~

b. ~~Monthly hours of operation of Waukesha Engine P805.~~

c. ~~Monthly hours of operation of Waukesha Engine P806.~~

d. Monthly hours of operation of ITS Generator P807 and storm water engine P813.

e. The purpose of operation of ITS Generator (emission unit ID No. P807) for each hour of operation.

DELETED

6.2.H.2 ~~The Permittee must submit all of the notifications required by §63.7(b) and (c), §63.8(e), (f)(4) and (f)(6), 63.9(b) through (e), and (g) and (h) that apply by the dates specified for Waukesha Engine P804, Waukesha Engine P805, and Waukesha Engine P806.~~
~~[40 CFR 63.6645(a)]~~

DELETED

6.2.H.3 ~~The Permittee must submit a Notification of Intent to conduct a performance test at least 60 days before the performance test is scheduled to begin as required in §63.7(b)(1) for Waukesha Engine P804, Waukesha Engine P805, and Waukesha Engine P806.~~
~~[40 CFR 63.6645(g)]~~

DELETED

6.2.H.4 ~~The Permittee must submit a Notification of Compliance Status according to §63.9(h)(2)(ii) for Waukesha Engine P804, Waukesha Engine P805, and Waukesha Engine P806. For each initial compliance demonstration required in Table 5 of 40 CFR 63, Subpart ZZZZ that does not include a performance test, the Permittee must submit the Notification of Compliance Status before the close of business on the 30th day following the completion of the initial compliance demonstration. For each initial compliance demonstration required in Table 5 of 40 CFR 63, Subpart ZZZZ that includes a performance test conducted according to the requirements in Table 4 of 40 CFR 63, Subpart ZZZZ, the Permittee must submit the Notification of Compliance Status, including the performance test results, before the close of business on the 60th day following the completion of the performance test according to 40 CFR 63.10(d)(2).~~
~~[40 CFR 63.6645(h)]~~

DELETED

6.2.H.5 ~~The Permittee must keep the records described in paragraphs (a)(1) through (a)(3), (b)(1) through (b)(3) of §63.6655 for Waukesha Engine P804, Waukesha Engine P805, and Waukesha Engine P806. The Permittee must also keep the records required in Table 6 of 40 CFR 63, Subpart ZZZZ to show continuous compliance with each applicable emission or operating limitation.~~
~~[40 CFR 63.6655(a) and 40 CFR 63.6655(d)]~~

DELETED

6.2.H.6 ~~The Permittee's records required by Permit Condition 6.2.H.5 must be in a form suitable and readily available for expeditious review according to §63.10(b)(1) for Waukesha Engine P804, Waukesha Engine P805, and Waukesha Engine P806. As specified in §63.10(b)(1), the Permittee must keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The Permittee must keep each record readily accessible in hard copy or electronic form on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to §63.10(b)(1). The Permittee can keep the records off-site for the remaining 3 years.~~
~~[40 CFR 63.6660]~~

DELETED

6.2.H.8 ~~The Permittee shall keep a maintenance plan and records of conducted maintenance and must, to the extent practicable, maintain and operate Waukesha Engines P804, P805, and P806 in a manner consistent with good air pollution control practice for minimizing emissions.~~
~~[40 CFR 60.4243(c), 40 CFR 60.4243(b)(ii)]~~

DELETED

6.2.H.9 ~~The Permittee shall keep records of the following information for Waukesha Engines P804, P805, and P806:~~
~~[40 CFR 60.4245(a)]~~

a. ~~All notifications submitted to comply with 40 CFR 60, Subpart JJJJ and all documentation supporting any notification.~~

b. ~~Maintenance conducted on the engine.~~

c. ~~Documentation that the engine meets the emission standards.~~

DELETED

6.2.H.10 ~~The Permittee shall submit a copy to the Division of each performance test as conducted in accordance with 40 CFR 60.4244 within 60 days after the test has been completed.~~
~~[40 CFR 60.4245(c)]~~

6.2.I Specific Record Keeping and Reporting Requirements [TAP]

DELETED

6.2.I.1 ~~For purposes of verifying compliance with Condition 3.4.I.3, the Permittee shall maintain records specifying the VOC content of each coating material utilized in blade coating (Source Code: P970), either expressed in pounds of VOC per gallon of coating, excluding water, delivered to the coating applicator or pounds of VOC per gallon of coating solids delivered to the coating applicator. For purposes of this condition, the VOC content can be from the applicable material safety data sheets, from testing on each and every applicable coating with the appropriate EPA Reference Test methods, or through a mass balance approach utilizing records of the VOC content of components and formulation of coatings applied in said blade coating operation.~~
~~[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]~~

DELETED

6.2.I.2 ~~If the Permittee chooses to comply with Condition 3.4.I.4b, the Permittee shall maintain the following records, as they pertain to blade coating (Source Code: P970):~~
~~[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]~~

a. ~~Daily usage records of all materials utilized containing VOCs, which include the total weight of each material and the VOC content of each material.~~

b. ~~Use the daily usage records of Condition (a) to calculate the 24-hour weighted average of all coatings used on each coater either expressed in pounds of VOC per gallon of coating, excluding water, delivered to the coating applicator or pounds of VOC per gallon of coating solids delivered to the coating applicator.~~

DELETED

6.2.I.3 ~~The Permittee shall prepare and submit a compliance report for Blade Coating P790 and associated items listed in 40 CFR 63.3882(b)(1) through (4) in accordance with the compliance report schedule established by Permit Condition 6.1.4. The information reported for each of the months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation. The compliance report must include general information as specified in this permit condition.~~
~~[40 CFR 63.3920(a)]~~

a. ~~Company name and address.~~

b. ~~Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.~~

c. ~~Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.~~

d. ~~Identification of the compliance option or options specified in 40 CFR 63.3891 that was used on each coating operation during the reporting period. If compliance options were switched between during the reporting period, the Permittee must report the beginning and ending dates for each option used.~~

e. ~~If the Permittee used the emission rate without add-on controls compliance option (40 CFR 63.3891(c)), the calculation results for each rolling 12-month organic HAP emission rate during the 6-month reporting period.~~

f. ~~If the predominant activity alternative (40 CFR 63.3890(c)(1)) was used, the Permittee must include the annual determination of predominant activity if it was not included in the previous semi-annual compliance report.~~

g. ~~If the facility-specific emission limit alternative (40 CFR 63.3890(c)(2)) was used, the Permittee must include the calculation of the facility-specific emission limit for each 12-month compliance period during the 6-month reporting period.~~

h. ~~If there were no deviations from the emission limitations in 40 CFR 63.3890, the semiannual compliance report must include a statement that there were no deviations from the emission limitations during the reporting period.~~

i. ~~If the Permittee used the compliant material option and there was a deviation from the applicable organic HAP content requirements in 40 CFR 63.3890, the semiannual compliance report must contain the following information.~~

   i. ~~Identification of each coating used that deviated from the applicable emission limit, and each thinner and/or other additive, and cleaning material used that contained organic HAP, and the dates and time periods each was used.~~

   ii. ~~The calculation of the organic HAP content (using Equation 2 of 40 CFR 63.3941) for each coating identified in paragraph 40 CFR 63.3920(a)(5)(i). Submittal of background data supporting this calculation (e.g., information provided by coating suppliers or manufacturers, or test reports) is not needed.~~

   iii. ~~The determination of mass fraction of organic HAP for each thinner and/or other additive, and cleaning material identified in 40 CFR 63.3920(a)(5)(i). Submittal of background data supporting this calculation (e.g., information provided by material suppliers or manufacturers, or test reports) is not needed.~~

   iv. ~~A statement of the cause of each deviation.~~

j . ~~If the Permittee used the emission rate without add-on controls option and there was a deviation from the applicable emission limit in 40 CFR 63.3890, the semiannual compliance report must contain the following information.~~

   i. ~~The beginning and ending dates of each compliance period during which the 12-month organic HAP emission rate exceeded the applicable emission limit in 40 CFR 63.3890.~~

ii. ~~The calculations used to determine the 12-month organic HAP emission rate for the compliance period in which the deviation occurred. The Permittee must submit the calculations for Equations 1, 1A through 1C, 2, and 3 of 40 CFR 63.3951; and if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4). Submittal of background data supporting these calculations (e.g., information provided by materials suppliers or manufacturers, or test reports) is not needed.~~

iii. ~~A statement of the cause of each deviation.~~

DELETED

6.2.I.4 ~~The Permittee must collect and keep records of data and information for Blade Coating P970 and associated items listed in 40 CFR 63.3882(b)(1) through (4) as specified in 40 CFR 63.3930. Failure to collect and keep such records is a deviation of the applicable standard. The following records shall be maintained.~~
~~[40 CFR 63.3930]~~

a. ~~A copy of each notification and report that was submitted to comply with 40 CFR 63, Subpart MMMM, and the documentation supporting each notification and report. The Permittee shall keep records of the data and calculations used to determine the predominant activity.~~

b. ~~A current copy of information provided by materials suppliers or manufacturers, such as manufacturer's formulation data, or test data used to determine the mass fraction of organic HAP and density for each coating, thinner and/or other additive, and cleaning material, and the volume fraction of coating solids for each coating. If the Permittee conducted testing to determine mass fraction of organic HAP, density, or volume fraction of coating solids, a copy of the complete test report must be kept. If the Permittee uses information provided by the manufacturer or supplier of the material that was based on testing, the summary sheet of results provided by the manufacturer or supplier must be kept. The Permittee is not required to obtain the test report or other supporting documentation from the manufacturer or supplier.~~

c. ~~For each compliance period, the following records are required:~~

i. ~~A record of the coating operations on which the Permittee used each compliance option and the time periods (beginning and ending dates and times) for each option used.~~

ii. ~~For the compliant material option, a record of the calculation of the organic HAP content for each coating, using Equation 2 of 40 CFR 63.3941.~~

iii. ~~For the emission rate without add-on controls option, a record of the calculation of the total mass of organic HAP emissions for the coatings, thinners and/or other additives, and cleaning materials used each month using Equations 1, 1A through 1C, and 2 of 40 CFR 63.3951; and, if applicable, the calculation used to determine mass of organic HAP in waste materials according to 40 CFR 63.3951(e)(4); the calculation of the total volume of coating solids used each month using Equation 2 of 40 CFR 63.3951; and the calculation of each 12-month organic HAP emission rate using Equation 3 of 40 CFR 63.3951.~~

d. ~~A record of the name and volume of each coating, thinner and/or other additive, and cleaning material used during each compliance period. If using the compliant material option for all coatings at the source, the Permittee may maintain purchase records for each material used rather than a record of the volume used.~~

e. ~~A record of the mass fraction of organic HAP for each coating, thinner and/or other additive, and cleaning material used during each compliance period unless the material is tracked by weight.~~

f. ~~A record of the volume fraction of coating solids for each coating used during each compliance period.~~

g. ~~If using the emission rate without add-on controls compliance option, the density for each coating, thinner and/or other additive, and cleaning material used during each compliance period.~~

h. ~~If the Permittee uses an allowance in Equation 1 of 40 CFR 63.3951 for organic HAP contained in waste materials sent to or designated for shipment to a treatment, storage, and disposal facility (TSDF) according to 40 CFR 63.3951(e)(4), records of the information as specified below must be kept.~~

i. ~~The name and address of each TSDF to which the Permittee sent waste materials for which the Permittee shall use an allowance in Equation 1 of 40 CFR 63.3951; a statement of which subparts under 40 CFR 262, 264, 265, and 266 apply to the facility; and the date of each shipment.~~

ii. ~~Identification of the coating operations producing waste materials included in each shipment and the month or months in which the Permittee used the allowance for these materials in Equation 1 of 40 CFR 63.3951.~~

iii. ~~The methodology used in accordance with 40 CFR 63.3951(e)(4) to determine the total amount of waste materials sent to or the amount collected, stored, and designated for transport to a TSDF each month; and the methodology to determine the mass of organic HAP contained in these waste materials. This must include the sources for all data used in the determination, methods used to generate the data, frequency of testing or monitoring, and supporting calculations and documentation, including the waste manifest for each shipment.~~

iv. ~~The Permittee shall keep records of the date, time, and duration of each deviation.~~

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6.2.I.5 ~~The Permittee shall keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Where appropriate, the records may be maintained as electronic spreadsheets or as a database. As specified in 40 CFR 63.10(b)(1), the Permittee shall keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. The Permittee must keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record according to 40 CFR 63.10(b)(1). The Permittee may keep the records off-site for the remaining 3 years.~~
~~[40 CFR 63.3931]~~

Attachments

A. List of Standard Abbreviations and List of Permit Specific Abbreviations
B. Insignificant Activities Based on Emission Levels and Generic Emission Groups
C. List of References

ATTACHMENT A

List Of Standard Abbreviations

AIRS	Aerometric Information Retrieval System
APCD	Air Pollution Control Device
ASTM	American Society for Testing and Materials
BACT	Best Available Control Technology
BTU	British Thermal Unit
CAAA	Clean Air Act Amendments
CEMS	Continuous Emission Monitoring System
CERMS	Continuous Emission Rate Monitoring System
CFR	Code of Federal Regulations
CMS	Continuous Monitoring System(s)
CO	Carbon Monoxide
COMS	Continuous Opacity Monitoring Stystem
dscf/dscm	Dry Standard Cubic Foot / Dry Standard Cubic Meter
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act
gr	Grain(s)
GPM (gpm)	Gallons per minute
H_2O (H2O)	Water
HAP	Hazardous Air Pollutant
HCFC	Hydro-chloro-fluorocarbon
MACT	Maximum Achievable Control Technology
MMBtu	Million British Thermal Units
MMBtu/hr	Million British Thermal Units per hour
MVAC	Motor Vehicle Air Conditioner
MW	Megawatt
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO_x (NOx)	Nitrogen Oxides
NSPS	New Source Performance Standards
OCGA	Official Code of Georgia Annotated

PM	Particulate Matter
PM_{10} (PM10)	Particulate Matter less than 10 micrometers in diameter
PPM (ppm)	Parts per Million
PSD	Prevention of Significant Deterioration
RACT	Reasonably Available Control Technology
RMP	Risk Management Plan
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO_2 (SO2)	Sulfur Dioxide
USC	United States Code
VE	Visible Emissions
VOC	Volatile Organic Compound

List of Permit Specific Abbreviations

HCl	Hydrochloric Acid
$PM_{2.5}$ (PM2.5)	Particulate Matter less than 2.5 micrometers in diameter
GS	General Services
WP	Water Plant

SCR	Southwire Continuous Rod
SCRP	Scrap

ATTACHMENT B

NOTE: Attachment B contains information regarding insignificant emission units/activities and groups of generic emission units/activities in existence at the facility at the time of Permit issuance. Future modifications or additions of insignificant emission units/activities and equipment that are part of generic emissions groups may not necessarily cause this attachment to be updated.

INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS

Description of Emission Units / Activities	Quantity
Cooling Towers (UPP[3], (CRM[~~2~~ 5], BWP[11])	~~5~~ 19
CRM Non-Acid Pickling System Reagent Tanks	2
~~CRM Isopropyl Alcohol Tank~~	~~1~~
Propane Vaporizers (UPP[1], CRM[2])	~~3~~
CRM Stormwater Collection & Treatment System	1
Industrial Waste Treatment Plant	1
Water Treatment Plant	1
UPP 11-Hour Natural Gas Annealing Oven 1080-01	1
UPP Bell Furnace Anealer 1030-01	1
UPP 4.0 MMBtu/hr Natural Gas Annealing Ovens (P776, P777)	2
UPP Laser Etching Systems (685-84, 680-12, 870-19)	3
UPP Bead Blasters	2
Drawing Machines (UPP [*480-01*, 480-02, 435-03, ~~P778~~, P779, P780])	~~6~~ 5
Drawing Machines with Annealers (UPP [~~430-02~~, ~~450-01~~, 450-03, *420-01*, *430-10*, 435-02, 435-03, 435-05, 420-22, 420-50, TBD, 435-06], BWP - [430-02, 450-01, 450-03, 420-01, *420-04*, 430-10, 435-02, 460-01, 435-03, 435-07, P697, P601])	~~19~~ 22
Bunchers & Stranders (UPP[20], BWP[24], MC[1])	45
CRM Band Preheater	*1*
CRM Graphite Injection System (F4004)	1
CRM Holding Furnace (F4011 and F4012) (2 burners each)	2
CRM Tap Hole Burners	2
CRM Upper Launders (F4005 and F4006) (6 burners each)	2
CRM Slag Vessels (F4009 and F4010) (3 burners each)	2
CRM Catch Basin (2 burners)	*1*
CRM Intermediate Launders (F4013 and F4014) (2 catch basins and 6 burners each)	2

INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS

Description of Emission Units / Activities	Quantity
CRM Lower Launder (F4015) (1 catch basin and 6 burners)	1
CRM Tundish (F4016) (2 burners)	1
CRM Tundish Preheat Stations (F4017 and F1018) (2 burners each)	2
CRM Casting Torch (F4022)	1
CRM Acetylene Sooters (F4019, F4020, F4021) (1 each for band, bottom, and sides of wheel)	3
CRM Tundish Spout Heater (F4023)	1
Parts Washers (UPP[1], BWP[5])	6
BWP Silicone Wipe Application	*1*
BWP PVC Blending Raw Materials Silos (2 Resin, 2 Clays/Fillers)	*4*
BWP PVC Blending Additive Systems (793-04, 793-05, 793-06, 793-07)	*4*
BWP PVC Blending Blenders (793-08, 793-09)	*2*
BWP PVC Blending Dry Blend Hopper (793-10)	*1*
BWP PVC Blending Weigh Feeder (793-11)	*1*
BWP PVC Blending Mixer (793-12)	*1*
BWP PVC Blending Extruder (793-13)	*1*
BWP PVC Blending Pelletizer (793-14)	*1*
BWP PVC Blending Water System & Dryer (793-15)	*1*
BWP PVC Blending Pellet Classifier (793-16)	*1*
BWP PVC Blending Bagging System (793-17) (2 bagging stations; 1 feed hopper)	*1*
BWP PVC Hot Mixer (PVC1-01, PVC2-01,PVC3-01)	3
BWP PVC Cold Mixer (PVC C~~2~~ 1-02, PVC2-02, PVC3-02)	3
BWP PVC Additive Feeder Small (PVC1-03 through PVC1-06, PVC2-03 through PVC2-06, PVC3-03 through PVC3-06)	12
BWP PVC Additive Feeder Large (PVC1-07 through PVC1-10, PVC2-07 through PVC2-10, PVC3-07 through PVC3-10)	12
BWP PVC Dry Blend Hopper (PVC1-11 through PVC1-14, PVC2-11 through PVC2-14, PVC3-11 through PVC3-14)	12
BWP PVC Plasticizer Hopper (PVC1-15 through PVC1-17, PVC2-15 through PVC2-17, PVC3-15 through PVC3-17)	9
BWP PVC Maxifeeder (PVC1-18, PVC2-18, PVC3-18)	3
BWP PVC Underwater Pelletizer (PVC1-19, PVC2-19, PVC3-19)	3

INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS

Description of Emission Units / Activities	Quantity
BWP PVC Water Temp System (PVC1-20, PVC2-20, PVC3-20)	3
BWP PVC Classifier (PVC1-21, PVC2-21, PVC3-21)	3
BWP PVC Daybin (PVC-22, PVC2-22)	2
BWP PVC Packaging Line (PVC2-23, PVC2-23)	2
~~Medical Center~~ CEM – Natural Gas-Fired 30 kW Emergency Stationary Generator (~~P820~~ P823)	1
BWP Pellet Silos	6
UPP Preheat Torches (0.009 MBtu/hr)	2
Cofer Printer for Experimental Extruder	1
MSG Heat Treat Ovens	4
BWP Electric Packaging Heat Seal Ovens (841-03, 842-14, 842-39, 750-34, 869-09 (2), 842-38, 842-42, 842-57, 842-19, 842-18, 842-58, 842-46, 842-17, 842-45, 842-05, 825-01)	17
12FL Electric Packaging Heat Seal Ovens (825-14, 825-15, 825-16, 825-04, 825-12)	5
~~TAP Stone Washer~~	~~1~~
~~TAP Paint Dry Oven (electric)~~	~~1~~
~~TAP Lab Oven~~	~~1~~
~~TAP Ink Stamp~~	~~1~~
MSG Paint Mixing Room	1
CTC 4.1 kW Diesel-Fired Portable Generator (P825)	1
CTC 11.5 kW High Temperature Furnace (P826)	1
CRM Used Oil Storage tank (ST2, ST3, ST4, and ST5)	4
CTC Aluminum Extrusion Press [Testing Equipment]	1
CTC Autoclave [Testing Equipment]	1
CTC CV Line Electric Steam Boiler [Testing Equipment]	1
CTC Buss Kneader [Testing Equipment]	1
CTC Chamber [Testing Equipment]	7
CTC CNC Machine [Testing Equipment]	1
CTC Differential Scanning Calorimeter [Testing Equipment]	1
CTC Cu/Al Single Die Drawing Machine with no annealer [Testing Equipment]	1
CTC Extruder [Testing Equipment]	4
CTC Furnace [Testing Equipment]	2

INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS

Description of Emission Units / Activities	Quantity
CTC Handheld Propane Torch [Testing Equipment]	1
CTC Heat Deflection Tester [Testing Equipment]	1
CTC Hot Oil Heated Mill Rolls [Testing Equipment]	1
CTC Hydraulic Press [Testing Equipment]	2
CTC Injection Molder [Testing Equipment]	1
CTC Melt Flow Index [Testing Equipment]	1
CTC Limiting Oxygen Index tester [Testing Equipment]	1
CTC Microcalorimeter [Testing Equipment]	1
CTC Mixer [Testing Equipment]	7
CTC Optical Emission Spectrometer [Testing Equipment]	1
CTC Rubber Process Analyzer [Testing Equipment]	1
CTC Temperature Analyzer [Testing Equipment]	2
CTC Temperature Control Unit [Testing Equipment]	2
CTC Weigh Station [Testing Equipment]	1
BWP Heated Shrink Wrap - Packaging Equipment (FC5)	1
UPP Sandblaster for Curing Saunas	1

ATTACHMENT B (continued)

GENERIC EMISSION GROUPS

The following table includes groups of fuel burning equipment subject only to Georgia Rules 391-3-1-.02 (2) (b) & (d).Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) are not included in this table.

Description of Fuel Burning Equipment	Number of Units
Fuel burning equipment with a rated heat input capacity of less than 10 million BTU/hr burning only natural gas and/or LPG.	~~1~~3 (CRM[1],~~)~~ UPP[2])
Fuel burning equipment with a rated heat input capacity of less than 5 million BTU/hr, burning only distillate fuel oil, natural gas and/or LPG.	1 (MSG)
Any fuel burning equipment with a rated heat input capacity of 1 million BTU/hr or less.	17 (BWP[3], UPP[~~3~~13],~~;~~ MSG[1])